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Released October 10, 2014, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, United States Department of Agriculture (USDA).

## **Corn Production Up Less Than 1 Percent from September Forecast Soybean Production Up Slightly Cotton Production Down 2 Percent Orange Production Up 3 Percent from Last Season**

**Corn** production is forecast at 14.5 billion bushels, up less than 1 percent from the previous forecast and up 4 percent from 2013. Based on conditions as of October 1, yields are expected to average 174.2 bushels per acre, up 2.5 bushels from the September forecast and 15.4 bushels above the 2013 average. If realized, this will be the highest yield and production on record for the United States. Area harvested for grain is forecast at 83.1 million acres, down 1 percent from the September forecast and down 5 percent from 2013. Acreage updates were made in several States following a thorough review of all available data.

**Soybean** production is forecast at a record 3.93 billion bushels, up slightly from September and up 17 percent from last year. Based on October 1 conditions, yields are expected to average a record high 47.1 bushels per acre, up 0.5 bushel from last month and up 3.1 bushels from last year. Area for harvest in the United States is forecast at a record 83.4 million acres, down less than 1 percent from September but up 9 percent from last year. Acreage updates were made in several States based on a thorough review of all available data.

**All cotton** production is forecast at 16.3 million 480-pound bales, down 2 percent from last month but up 26 percent from last year. Yield is expected to average 790 pounds per harvested acre, down 31 pounds from last year. Upland cotton production is forecast at 15.7 million 480-pound bales, up 28 percent from 2013. Pima cotton production, forecast at 578,000 bales, was carried forward from last month.

**The United States all orange** forecast for the 2014-2015 season is 6.96 million tons, up 3 percent from the 2013 - 2014 final utilization. The Florida all orange forecast, at 108 million boxes (4.86 million tons), is up 3 percent from last season's final utilization. Early, midseason, and Navel varieties in Florida are forecast at 52.0 million boxes (2.34 million tons), down 2 percent from last season's final utilization. The Florida Valencia orange forecast, at 56.0 million boxes (2.52 million tons), is up 9 percent from last season's final utilization. In Florida, citrus growing conditions were ideal from the beginning of the citrus bloom to the start of the 2014-2015 season harvest. The California Navel orange harvest is getting underway.

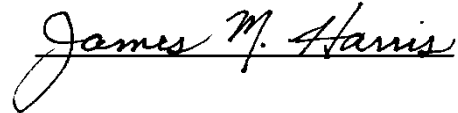
**Florida frozen concentrated orange juice (FCOJ)** yield forecast for the 2014-2015 season is 1.60 gallons per box at 42.0 degrees Brix, up 2 percent from last season's final yield of 1.57 gallons per box. Projected yield from the 2014-2015 Early-Midseason and Valencia varieties will be published in the January *Crop Production* report. All projections of yield assume the processing relationships this season will be similar to those of the past several seasons.

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This report was approved on October 10, 2014.



Secretary of Agriculture  
Designate  
Robert Johansson



Agricultural Statistics Board  
Chairperson  
James M. Harris

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## Selected Crops Area Planted and Harvested – States and United States: 2014

[Includes updates to planted and harvested area previously published]

State	Corn		Sorghum		Soybeans		Dry edible beans	
	Planted (1,000 acres)	Harvested (1,000 acres)	Planted (1,000 acres)	Harvested (1,000 acres)	Planted (1,000 acres)	Harvested (1,000 acres)	Planted (1,000 acres)	Harvested (1,000 acres)
Alabama .....	320	295			500	490		
Arizona .....	75	42	25	7			10.0	10.0
Arkansas .....	560	550	170	165	3,350	3,300		
California .....	520	110					48.0	47.5
Colorado .....	1,170	960	330	250			46.0	43.0
Connecticut .....	26							
Delaware .....	175	170			185	183		
Florida .....	80	47			37	34		
Georgia .....	370	325	35	25	300	290		
Idaho .....	340	110					130.0	129.0
Illinois .....	11,900	11,700	23	21	9,900	9,850		
Indiana .....	5,900	5,750			5,500	5,490		
Iowa .....	13,600	13,200			9,950	9,890		
Kansas .....	4,050	3,700	2,850	2,650	4,050	3,990	7.5	7.0
Kentucky .....	1,550	1,450			1,760	1,750		
Louisiana .....	420	410	100	95	1,420	1,400		
Maine .....	30							
Maryland .....	500	440			510	505		
Massachusetts .....	18							
Michigan .....	2,500	2,190			2,200	2,190	210.0	207.0
Minnesota .....	8,300	7,800			7,350	7,270	150.0	143.0
Mississippi .....	540	520	115	110	2,220	2,190		
Missouri .....	3,500	3,330	85	75	5,650	5,600		
Montana .....	120	66					40.0	39.0
Nebraska .....	9,300	8,750	170	120	5,400	5,350	165.0	152.0
Nevada .....	4							
New Hampshire .....	15							
New Jersey .....	85	75			105	103		
New Mexico .....	120	48	110	76			9.8	9.7
New York .....	1,160	660			380	377	8.0	7.8
North Carolina .....	840	780			1,750	1,720		
North Dakota .....	2,950	2,750			5,950	5,900	650.0	620.0
Ohio .....	3,700	3,480			4,900	4,890		
Oklahoma .....	320	270	370	330	360	330		
Oregon .....	70	40					9.5	9.5
Pennsylvania .....	1,460	1,000			610	600		
Rhode Island .....	2							
South Carolina .....	295	280			450	440		
South Dakota .....	5,800	5,400	230	150	5,150	5,110	14.0	13.2
Tennessee .....	880	820			1,620	1,580		
Texas .....	2,250	1,930	2,600	2,100	150	135	22.0	20.0
Utah .....	75	24						
Vermont .....	85							
Virginia .....	470	350			650	640		
Washington .....	205	115					120.0	120.0
West Virginia .....	50	35			27	26		
Wisconsin .....	4,100	3,070			1,800	1,780	7.6	7.6
Wyoming .....	85	55					42.0	40.0
United States .....	90,885	83,097	7,213	6,174	84,184	83,403	1,689.4	1,625.3

See footnote(s) at end of table.

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## Selected Crops Area Planted and Harvested – States and United States: 2014 (continued)

[Includes updates to planted and harvested area previously published]

State	Canola		Sunflower					
	Planted	Harvested	Oil		Non-oil		All	
			Planted	Harvested	Planted	Harvested	Planted	Harvested
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
California .....			40.0	39.5	2.9	2.9	42.9	42.4
Colorado .....	(D)	(D)	35.0	31.0	9.5	8.5	44.5	39.5
Idaho .....	35.0	34.0						
Kansas .....	(D)	(D)	45.0	42.0	18.0	17.0	63.0	59.0
Minnesota .....	15.0	14.5	48.0	47.0	15.0	14.0	63.0	61.0
Montana .....	63.0	62.0						
Nebraska .....			25.0	23.0	10.0	9.0	35.0	32.0
North Dakota .....	1,190.0	1,180.0	530.0	515.0	145.0	140.0	675.0	655.0
Oklahoma .....	280.0	165.0	5.0	4.8	1.3	1.1	6.3	5.9
Oregon .....	10.5	9.5						
South Dakota .....			415.0	405.0	125.0	120.0	540.0	525.0
Texas .....			43.0	37.0	61.0	52.0	104.0	89.0
Washington .....	49.0	45.0						
Other States <sup>1</sup> .....	69.0	44.2	(X)	(X)	(X)	(X)	(X)	(X)
United States .....	1,711.5	1,554.2	1,186.0	1,144.3	387.7	364.5	1,573.7	1,508.8

(D) Withheld to avoid disclosing data for individual operations.

(X) Not applicable.

<sup>1</sup> Other States for Canola include Colorado and Kansas.

**Corn for Grain Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

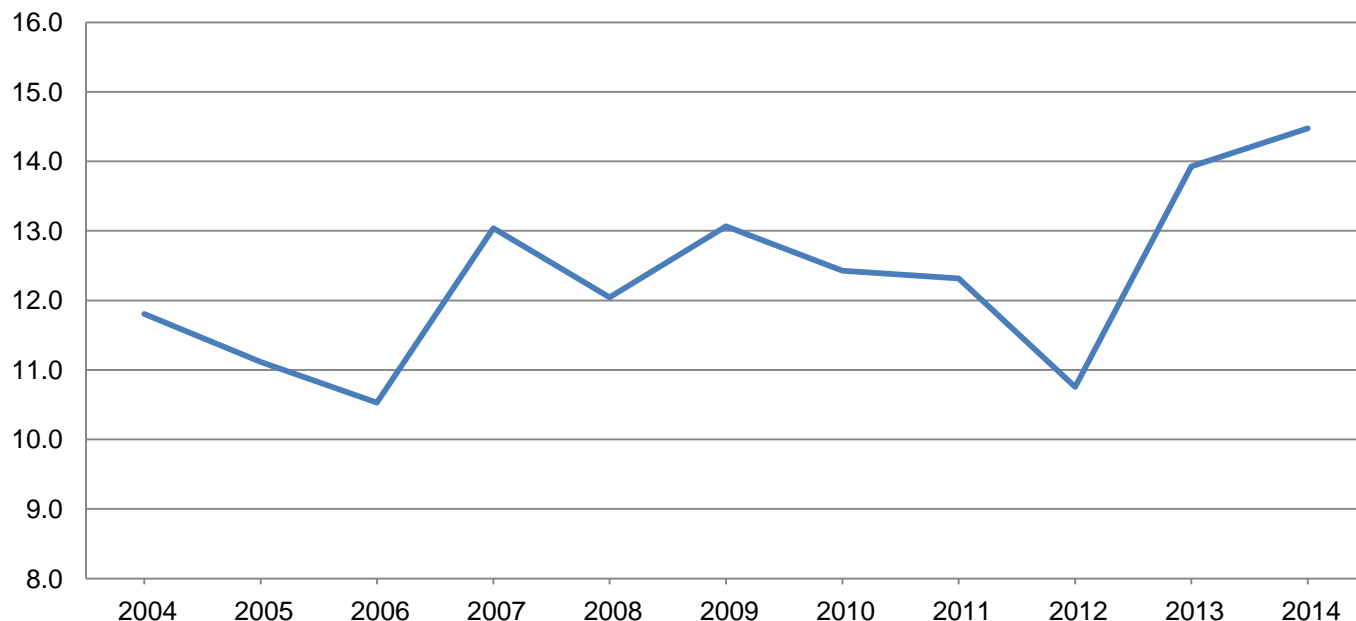
State	Area harvested		Yield per acre			Production	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Alabama .....	295	295	148.0	149.0	155.0	43,660	45,725
Arkansas .....	870	550	187.0	184.0	188.0	162,690	103,400
California .....	180	110	195.0	175.0	160.0	35,100	17,600
Colorado .....	990	960	131.0	144.0	144.0	129,690	138,240
Delaware .....	174	170	166.0	170.0	175.0	28,884	29,750
Georgia .....	465	325	175.0	167.0	169.0	81,375	54,925
Illinois .....	11,800	11,700	178.0	194.0	200.0	2,100,400	2,340,000
Indiana .....	5,850	5,750	177.0	184.0	186.0	1,035,450	1,069,500
Iowa .....	13,100	13,200	165.0	185.0	185.0	2,161,500	2,442,000
Kansas .....	4,000	3,700	127.0	154.0	160.0	508,000	592,000
Kentucky .....	1,430	1,450	170.0	148.0	153.0	243,100	221,850
Louisiana .....	670	410	173.0	180.0	180.0	115,910	73,800
Maryland .....	420	440	158.0	166.0	170.0	66,360	74,800
Michigan .....	2,250	2,190	155.0	162.0	167.0	348,750	365,730
Minnesota .....	8,150	7,800	160.0	170.0	170.0	1,304,000	1,326,000
Mississippi .....	830	520	176.0	180.0	184.0	146,080	95,680
Missouri .....	3,200	3,330	136.0	169.0	180.0	435,200	599,400
Nebraska .....	9,550	8,750	170.0	179.0	181.0	1,623,500	1,583,750
New Jersey .....	80	75	139.0	146.0	148.0	11,120	11,100
New York .....	690	660	138.0	150.0	154.0	95,220	101,640
North Carolina .....	870	780	142.0	138.0	136.0	123,540	106,080
North Dakota .....	3,600	2,750	110.0	132.0	128.0	396,000	352,000
Ohio .....	3,740	3,480	177.0	179.0	178.0	661,980	619,440
Oklahoma .....	310	270	145.0	150.0	165.0	44,950	44,550
Pennsylvania .....	1,090	1,000	147.0	148.0	152.0	160,230	152,000
South Carolina .....	335	280	130.0	117.0	118.0	43,550	33,040
South Dakota .....	5,860	5,400	138.0	148.0	151.0	808,680	815,400
Tennessee .....	820	820	156.0	152.0	160.0	127,920	131,200
Texas .....	2,000	1,930	138.0	147.0	148.0	276,000	285,640
Virginia .....	360	350	154.0	143.0	142.0	55,440	49,700
Washington .....	105	115	215.0	210.0	215.0	22,575	24,725
Wisconsin .....	3,050	3,070	146.0	162.0	162.0	445,300	497,340
Other States <sup>1</sup> .....	534	467	155.4	165.9	164.7	82,993	76,915
United States .....	87,668	83,097	158.8	171.7	174.2	13,925,147	14,474,920

<sup>1</sup> Other States include Arizona, Florida, Idaho, Montana, New Mexico, Oregon, Utah, West Virginia, and Wyoming. Individual State level estimates will be published in the *Crop Production 2014 Summary*.



## Corn Production – United States

Billion bushels



## Sorghum for Grain Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014

State	Area harvested		Yield per acre			Production	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Arkansas .....	125	165	102.0	83.0	85.0	12,750	14,025
Colorado .....	240	250	24.0	30.0	25.0	5,760	6,250
Illinois .....	20	21	94.0	96.0	95.0	1,880	1,995
Kansas .....	2,800	2,650	59.0	70.0	71.0	165,200	188,150
Louisiana .....	113	95	107.0	95.0	100.0	12,091	9,500
Mississippi .....	62	110	94.0	92.0	90.0	5,828	9,900
Missouri .....	60	75	82.0	80.0	95.0	4,920	7,125
Nebraska .....	140	120	67.0	73.0	77.0	9,380	9,240
New Mexico .....	68	76	34.0	57.0	44.0	2,312	3,344
Oklahoma .....	270	330	55.0	66.0	58.0	14,850	19,140
South Dakota .....	275	150	80.0	81.0	76.0	22,000	11,400
Texas .....	2,300	2,100	56.0	63.0	58.0	128,800	121,800
Other States <sup>1</sup> .....	57	32	57.5	59.0	51.4	3,275	1,645
United States .....	6,530	6,174	59.6	67.2	65.4	389,046	403,514

<sup>1</sup> Other States include Arizona and Georgia. Individual State level estimates will be published in the *Crop Production 2014 Summary*.

## Rice Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014

State	Area harvested		Yield per acre			Production <sup>1</sup>	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 cwt)	(1,000 cwt)
Arkansas .....	1,070	1,470	7,560	7,500	7,530	80,888	110,691
California .....	561	428	8,480	8,600	8,500	47,574	36,380
Louisiana .....	413	460	7,300	7,100	7,100	30,135	32,660
Mississippi .....	124	190	7,400	7,000	7,000	9,176	13,300
Missouri .....	156	213	7,030	6,400	6,900	10,968	14,697
Texas .....	144	149	7,740	7,800	8,700	11,145	12,963
United States .....	2,468	2,910	7,694	7,501	7,584	189,886	220,691

<sup>1</sup> Includes sweet rice production.

## Rice Production by Class – United States: 2013 and Forecasted October 1, 2014

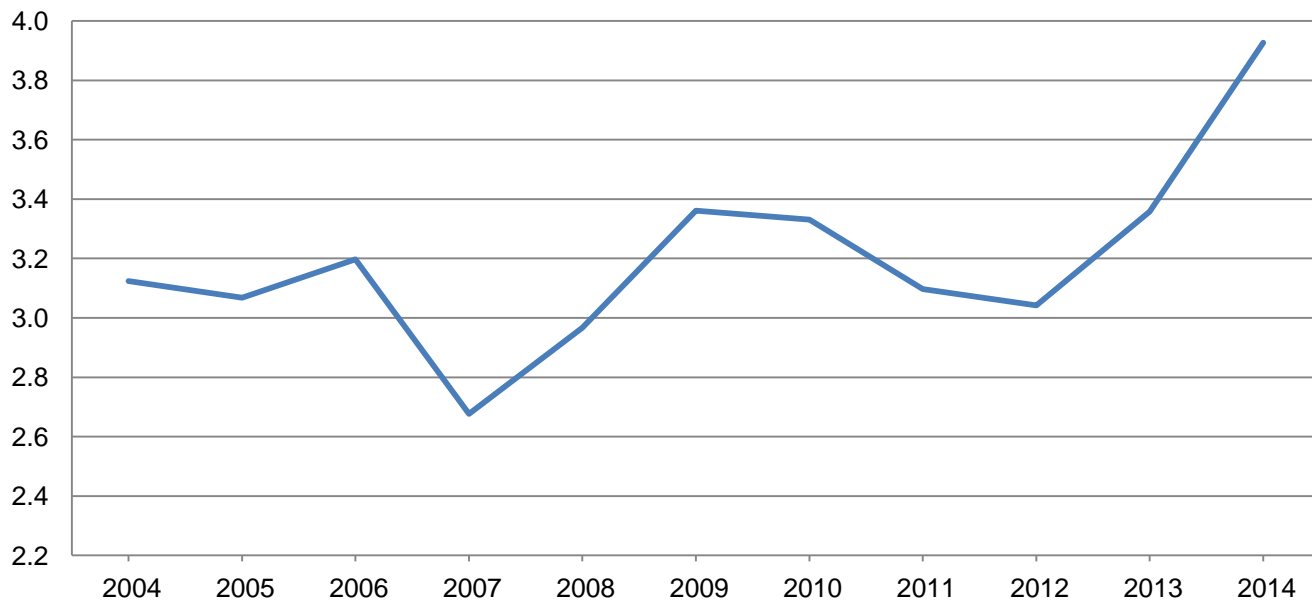
Year	Long grain	Medium grain	Short grain <sup>1</sup>	All
	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)	(1,000 cwt)
2013 .....	131,896	54,915	3,075	189,886
2014 <sup>2</sup> .....	160,020	58,243	2,428	220,691

<sup>1</sup> Sweet rice production included with short grain.

<sup>2</sup> The 2014 rice production by class forecasts are based on class harvested acreage estimates and the 5-year average class yield compared to the all rice yield.

## Soybean Production – United States

Billion bushels



**Soybeans for Beans Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area harvested		Yield per acre			Production	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
Alabama .....	430	490	43.5	41.0	42.0	18,705	20,580
Arkansas .....	3,240	3,300	43.5	46.0	47.0	140,940	155,100
Delaware .....	163	183	40.5	44.0	46.0	6,602	8,418
Georgia .....	230	290	40.5	39.0	40.0	9,315	11,600
Illinois .....	9,480	9,850	50.0	56.0	56.0	474,000	551,600
Indiana .....	5,190	5,490	51.5	52.0	54.0	267,285	296,460
Iowa .....	9,250	9,890	45.5	51.0	51.0	420,875	504,390
Kansas .....	3,540	3,990	37.0	35.0	37.0	130,980	147,630
Kentucky .....	1,660	1,750	50.0	46.0	47.0	83,000	82,250
Louisiana .....	1,120	1,400	48.5	51.0	53.0	54,320	74,200
Maryland .....	480	505	39.5	44.0	46.0	18,960	23,230
Michigan .....	1,920	2,190	44.5	45.0	46.0	85,440	100,740
Minnesota .....	6,620	7,270	42.0	42.0	42.0	278,040	305,340
Mississippi .....	1,990	2,190	46.0	49.0	51.0	91,540	111,690
Missouri .....	5,610	5,600	36.0	46.0	46.0	201,960	257,600
Nebraska .....	4,770	5,350	53.5	53.0	53.0	255,195	283,550
New Jersey .....	88	103	39.5	42.0	41.0	3,476	4,223
New York .....	278	377	48.0	49.0	47.0	13,344	17,719
North Carolina .....	1,450	1,720	33.5	37.0	39.0	48,575	67,080
North Dakota .....	4,630	5,900	30.5	33.0	33.0	141,215	194,700
Ohio .....	4,490	4,890	49.5	50.0	50.0	222,255	244,500
Oklahoma .....	335	330	30.5	31.0	31.0	10,218	10,230
Pennsylvania .....	555	600	49.0	50.0	50.0	27,195	30,000
South Carolina .....	310	440	28.5	28.0	30.0	8,835	13,200
South Dakota .....	4,580	5,110	40.5	42.0	43.0	185,490	219,730
Tennessee .....	1,550	1,580	46.5	47.0	49.0	72,075	77,420
Texas .....	92	135	25.5	32.0	34.0	2,346	4,590
Virginia .....	600	640	38.5	41.0	41.0	23,100	26,240
Wisconsin .....	1,550	1,780	39.0	46.0	45.0	60,450	80,100
Other States <sup>1</sup> .....	52	60	43.3	42.2	45.0	2,253	2,702
United States .....	76,253	83,403	44.0	46.6	47.1	3,357,984	3,926,812

<sup>1</sup> Other States include Florida and West Virginia. Individual State level estimates will be published in the *Crop Production 2014 Summary*.

## Sunflower Area Harvested, Yield, and Production by Type – States and United States: 2013 and Forecasted October 1, 2014

[Blank data cells indicate estimation period has not yet begun]

Varietal type and State	Area harvested		Yield per acre		Production	
	2013	2014	2013	2014 <sup>1</sup>	2013	2014 <sup>1</sup>
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
<b>Oil</b>						
California .....	55.5	39.5	1,300		72,150	
Colorado .....	39.0	31.0	800		31,200	
Kansas .....	50.0	42.0	1,160		58,000	
Minnesota .....	32.0	47.0	1,600		51,200	
Nebraska .....	25.5	23.0	850		21,675	
North Dakota .....	405.0	515.0	1,260		510,300	
Oklahoma .....	2.9	4.8	1,200		3,480	
South Dakota .....	540.0	405.0	1,520		820,800	
Texas .....	60.0	37.0	1,300		78,000	
United States .....	1,209.9	1,144.3	1,361		1,646,805	
<b>Non-oil</b>						
California .....	2.5	2.9	1,200		3,000	
Colorado .....	16.0	8.5	1,000		16,000	
Kansas .....	15.0	17.0	1,600		24,000	
Minnesota .....	9.5	14.0	1,900		18,050	
Nebraska .....	13.0	9.0	1,000		13,000	
North Dakota .....	72.0	140.0	1,360		97,920	
Oklahoma .....	1.7	1.1	1,000		1,700	
South Dakota .....	110.0	120.0	1,600		176,000	
Texas .....	25.0	52.0	1,450		36,250	
United States .....	264.7	364.5	1,458		385,920	
<b>All</b>						
California .....	58.0	42.4	1,296	1,107	75,150	46,930
Colorado .....	55.0	39.5	858	1,341	47,200	52,980
Kansas .....	65.0	59.0	1,262	1,315	82,000	77,600
Minnesota .....	41.5	61.0	1,669	1,546	69,250	94,300
Nebraska .....	38.5	32.0	901	1,100	34,675	35,200
North Dakota .....	477.0	655.0	1,275	1,679	608,220	1,099,500
Oklahoma .....	4.6	5.9	1,126	1,569	5,180	9,260
South Dakota .....	650.0	525.0	1,534	1,723	996,800	904,500
Texas .....	85.0	89.0	1,344	1,500	114,250	133,500
United States .....	1,474.6	1,508.8	1,378	1,626	2,032,725	2,453,770

<sup>1</sup> 2014 yield and production estimates for oil and non-oil varieties will be published in the *Crop Production 2014 Summary*.

**Peanut Area Planted and Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area planted		Area harvested	
	2013 <sup>1</sup>	2014	2013 <sup>1</sup>	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
Alabama .....	140.0	175.0	138.0	172.0
Florida .....	140.0	170.0	131.0	160.0
Georgia .....	430.0	595.0	426.0	585.0
Mississippi .....	34.0	31.0	33.0	29.0
New Mexico .....	7.0	5.0	7.0	5.0
North Carolina .....	82.0	94.0	81.0	93.0
Oklahoma .....	17.0	17.0	16.0	16.0
South Carolina .....	81.0	111.0	78.0	106.0
Texas .....	120.0	125.0	117.0	122.0
Virginia .....	16.0	19.0	16.0	19.0
United States .....	1,067.0	1,342.0	1,043.0	1,307.0

State	Yield per acre			Production	
	2013 <sup>1</sup>	2014		2013 <sup>1</sup>	2014
		September 1	October 1		
	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
Alabama .....	3,550	3,000	3,000	489,900	516,000
Florida .....	3,950	3,900	3,900	517,450	624,000
Georgia .....	4,430	4,000	4,000	1,887,180	2,340,000
Mississippi .....	3,700	3,500	3,500	122,100	101,500
New Mexico .....	3,100	3,100	3,100	21,700	15,500
North Carolina .....	3,900	4,000	4,000	315,900	372,000
Oklahoma .....	3,700	3,400	3,800	59,200	60,800
South Carolina .....	3,500	3,700	3,800	273,000	402,800
Texas .....	3,620	3,850	3,850	423,540	469,700
Virginia .....	3,950	4,300	4,200	63,200	79,800
United States .....	4,001	3,800	3,812	4,173,170	4,982,100

<sup>1</sup> Updated from previous estimate.

**Canola Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area harvested		Yield per acre		Production	
	2013	2014	2013	2014	2013	2014
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
Idaho .....	43.0	34.0	1,850	1,600	79,550	54,400
Minnesota .....	16.5	14.5	1,950	1,750	32,175	25,375
Montana .....	69.0	62.0	1,540	1,000	106,260	62,000
North Dakota .....	915.0	1,180.0	1,820	1,800	1,665,300	2,124,000
Oklahoma .....	149.0	165.0	1,400	800	208,600	132,000
Oregon .....	12.1	9.5	1,600	1,500	19,360	14,250
Washington .....	36.0	45.0	1,700	1,700	61,200	76,500
Other States <sup>1</sup> .....	23.9	44.2	1,592	733	38,060	32,400
United States .....	1,264.5	1,554.2	1,748	1,622	2,210,505	2,520,925

<sup>1</sup> Other States include Colorado and Kansas.

**Cotton Area Harvested, Yield, and Production by Type – States and United States: 2013 and Forecasted October 1, 2014**

Type and State	Area harvested		Yield per acre			Production <sup>1</sup>	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(pounds)	(pounds)	(pounds)	(1,000 bales) <sup>2</sup>	(1,000 bales) <sup>2</sup>
<b>Upland</b>							
Alabama .....	359.0	353.0	789	850	857	590.0	630.0
Arizona .....	159.0	139.0	1,449	1,588	1,588	480.0	460.0
Arkansas .....	305.0	325.0	1,133	1,108	1,122	720.0	760.0
California .....	92.0	59.0	1,737	1,749	1,790	333.0	220.0
Florida .....	127.0	103.0	661	839	862	175.0	185.0
Georgia .....	1,340.0	1,370.0	831	911	911	2,320.0	2,600.0
Kansas .....	26.0	29.0	757	794	910	41.0	55.0
Louisiana .....	128.0	165.0	1,223	1,164	1,222	326.0	420.0
Mississippi .....	287.0	420.0	1,203	1,120	1,154	719.0	1,010.0
Missouri .....	246.0	245.0	968	1,087	1,087	496.0	555.0
New Mexico .....	31.0	35.0	929	1,193	987	60.0	72.0
North Carolina .....	460.0	460.0	799	950	950	766.0	910.0
Oklahoma .....	125.0	210.0	591	731	709	154.0	310.0
South Carolina .....	250.0	278.0	691	906	924	360.0	535.0
Tennessee .....	233.0	265.0	853	933	915	414.0	505.0
Texas .....	3,100.0	5,150.0	646	615	583	4,170.0	6,250.0
Virginia .....	77.0	86.0	941	1,060	1,116	151.0	200.0
United States .....	7,345.0	9,692.0	802	790	776	12,275.0	15,677.0
<b>American Pima <sup>3</sup></b>							
Arizona .....	1.5	14.5	1,024	1,159	1,159	3.2	35.0
California .....	186.0	154.0	1,574	1,590	1,590	610.0	510.0
New Mexico .....	3.4	4.9	847	784	784	6.0	8.0
Texas .....	8.5	16.0	847	750	750	15.0	25.0
United States .....	199.4	189.4	1,527	1,465	1,465	634.2	578.0
<b>All</b>							
Alabama .....	359.0	353.0	789	850	857	590.0	630.0
Arizona .....	160.5	153.5	1,445	1,548	1,548	483.2	495.0
Arkansas .....	305.0	325.0	1,133	1,108	1,122	720.0	760.0
California .....	278.0	213.0	1,628	1,634	1,645	943.0	730.0
Florida .....	127.0	103.0	661	839	862	175.0	185.0
Georgia .....	1,340.0	1,370.0	831	911	911	2,320.0	2,600.0
Kansas .....	26.0	29.0	757	794	910	41.0	55.0
Louisiana .....	128.0	165.0	1,223	1,164	1,222	326.0	420.0
Mississippi .....	287.0	420.0	1,203	1,120	1,154	719.0	1,010.0
Missouri .....	246.0	245.0	968	1,087	1,087	496.0	555.0
New Mexico .....	34.4	39.9	921	1,143	962	66.0	80.0
North Carolina .....	460.0	460.0	799	950	950	766.0	910.0
Oklahoma .....	125.0	210.0	591	731	709	154.0	310.0
South Carolina .....	250.0	278.0	691	906	924	360.0	535.0
Tennessee .....	233.0	265.0	853	933	915	414.0	505.0
Texas .....	3,108.5	5,166.0	646	616	583	4,185.0	6,275.0
Virginia .....	77.0	86.0	941	1,060	1,116	151.0	200.0
United States .....	7,544.4	9,881.4	821	803	790	12,909.2	16,255.0

<sup>1</sup> Production ginned and to be ginned.

<sup>2</sup> 480-pound net weight bale.

<sup>3</sup> Estimates for current year carried forward from an earlier forecast.

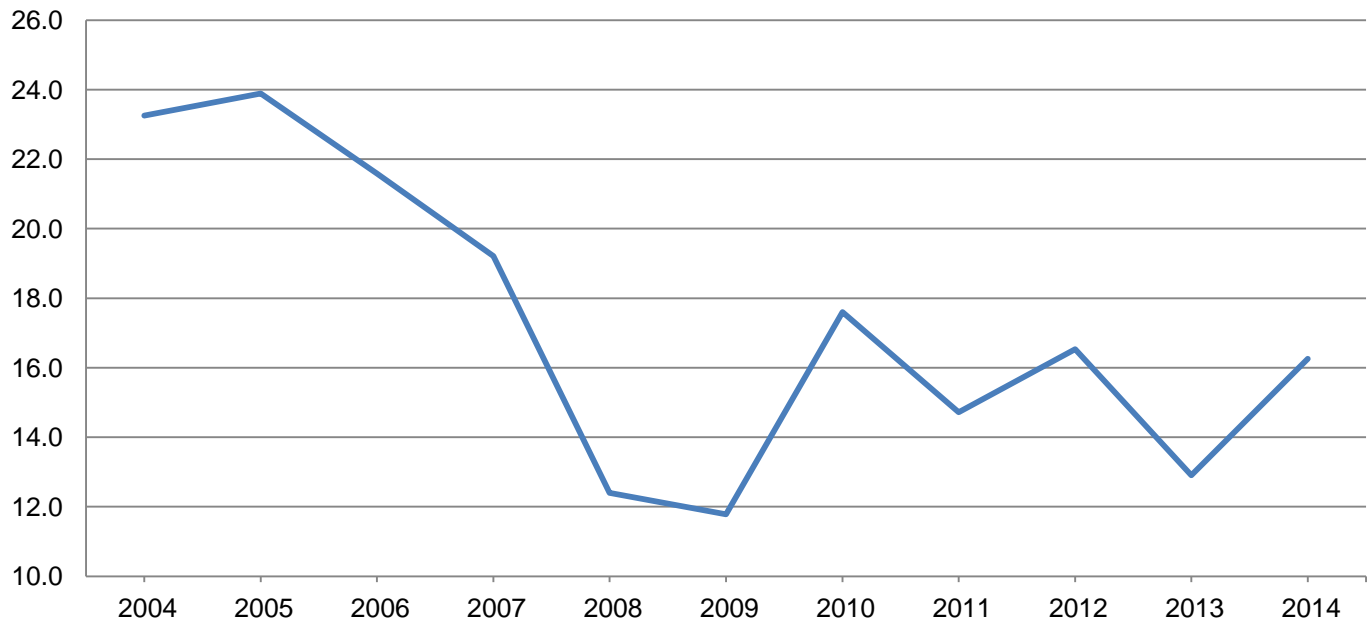
## Cottonseed Production – United States: 2013 and Forecasted October 1, 2014

State	Production	
	2013 (1,000 tons)	2014 <sup>1</sup> (1,000 tons)
United States .....	4,203.0	5,369.0

<sup>1</sup> Based on a 3-year average lint-seed ratio.

## Cotton Production - United States

Million bales



**Alfalfa and Alfalfa Mixtures for Hay Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area harvested		Yield per acre		Production	
	2013 (1,000 acres)	2014 (1,000 acres)	2013 (tons)	2014 (tons)	2013 (1,000 tons)	2014 (1,000 tons)
Arizona .....	250	270	8.10	9.00	2,025	2,430
California .....	900	930	6.80	7.10	6,120	6,603
Colorado .....	650	750	2.90	3.90	1,885	2,925
Idaho .....	1,120	1,080	3.80	4.30	4,256	4,644
Illinois .....	340	320	3.60	4.10	1,224	1,312
Indiana .....	280	240	3.70	4.10	1,036	984
Iowa .....	730	730	3.30	3.40	2,409	2,482
Kansas .....	550	550	3.50	3.60	1,925	1,980
Kentucky .....	200	180	3.30	3.30	660	594
Michigan .....	610	640	3.10	3.30	1,891	2,112
Minnesota .....	950	1,000	2.60	3.20	2,470	3,200
Missouri .....	350	320	2.70	3.20	945	1,024
Montana .....	1,800	1,850	2.20	2.10	3,960	3,885
Nebraska .....	700	720	3.45	4.20	2,415	3,024
Nevada .....	210	250	4.50	3.80	945	950
New Mexico .....	145	220	5.40	5.20	783	1,144
New York .....	350	320	2.20	2.50	770	800
North Dakota .....	1,620	1,540	2.00	2.10	3,240	3,234
Ohio .....	330	330	3.50	3.40	1,155	1,122
Oklahoma .....	230	310	2.70	3.10	621	961
Oregon .....	400	390	4.60	4.50	1,840	1,755
Pennsylvania .....	340	340	2.90	2.90	986	986
South Dakota .....	1,800	1,820	2.10	2.50	3,780	4,550
Texas .....	140	140	4.50	4.80	630	672
Utah .....	550	550	4.20	4.70	2,310	2,585
Virginia .....	90	75	3.60	3.70	324	278
Washington .....	410	470	5.30	5.00	2,173	2,350
Wisconsin .....	1,100	1,150	2.60	3.30	2,860	3,795
Wyoming .....	450	540	3.20	3.10	1,440	1,674
Other States <sup>1</sup> .....	168	165	2.99	2.84	503	469
United States .....	17,763	18,190	3.24	3.55	57,581	64,524

<sup>1</sup> Other States include Arkansas, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, North Carolina, Rhode Island, Tennessee, Vermont, and West Virginia. Individual State level estimates will be published in the *Crop Production 2014 Summary*.



**All Other Hay Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area harvested		Yield per acre		Production	
	2013 (1,000 acres)	2014 (1,000 acres)	2013 (tons)	2014 (tons)	2013 (1,000 tons)	2014 (1,000 tons)
Alabama <sup>2</sup> .....	790	750	2.70	2.90	2,133	2,175
Arkansas .....	1,330	1,220	2.10	2.30	2,793	2,806
California .....	540	440	3.40	3.40	1,836	1,496
Colorado .....	660	580	1.60	2.10	1,056	1,218
Georgia <sup>2</sup> .....	580	580	2.70	2.90	1,566	1,682
Idaho .....	360	390	2.00	2.20	720	858
Illinois .....	320	330	2.50	2.50	800	825
Indiana .....	360	360	2.10	2.50	756	900
Iowa .....	440	350	2.20	2.20	968	770
Kansas .....	2,200	2,000	2.10	1.80	4,620	3,600
Kentucky .....	2,400	2,450	2.20	2.10	5,280	5,145
Louisiana <sup>2</sup> .....	400	410	2.20	3.10	880	1,271
Michigan .....	330	330	1.90	2.20	627	726
Minnesota .....	950	800	1.50	1.80	1,425	1,440
Mississippi <sup>2</sup> .....	720	600	2.50	2.60	1,800	1,560
Missouri .....	3,700	3,600	1.90	1.80	7,030	6,480
Montana .....	1,000	900	1.50	1.70	1,500	1,530
Nebraska .....	1,800	1,650	1.40	1.30	2,520	2,145
New York .....	1,080	1,070	2.00	2.00	2,160	2,140
North Carolina .....	850	770	2.40	2.50	2,040	1,925
North Dakota .....	1,000	840	1.85	1.90	1,850	1,596
Ohio .....	740	720	2.00	2.40	1,480	1,728
Oklahoma .....	2,900	3,200	1.50	1.90	4,350	6,080
Oregon .....	620	660	2.20	2.40	1,364	1,584
Pennsylvania .....	920	950	2.10	2.20	1,932	2,090
South Dakota .....	1,250	1,400	1.70	1.70	2,125	2,380
Tennessee .....	1,900	1,850	2.30	2.30	4,370	4,255
Texas .....	5,500	5,300	1.50	2.50	8,250	13,250
Virginia .....	1,150	1,200	2.40	2.40	2,760	2,880
Washington .....	350	450	3.00	2.70	1,050	1,215
West Virginia .....	570	550	1.90	1.50	1,083	825
Wisconsin .....	500	450	1.80	1.70	900	765
Wyoming .....	540	560	1.20	1.90	648	1,064
Other States <sup>1</sup> .....	1,744	1,746	2.12	2.14	3,693	3,743
United States .....	40,494	39,456	1.94	2.13	78,365	84,147

<sup>1</sup> Other States include Arizona, Connecticut, Delaware, Florida, Maine, Maryland, Massachusetts, Nevada, New Hampshire, New Jersey, New Mexico, Rhode Island, South Carolina, Utah, and Vermont. Individual State level estimates will be published in the *Crop Production 2014 Summary*.

<sup>2</sup> Alfalfa and alfalfa mixtures included in all other hay.

**Sugarbeet Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

[Relates to year of intended harvest in all States except California]

State	Area harvested		Yield per acre			Production	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
California <sup>1</sup> .....	24.3	24.5	44.4	44.6	44.6	1,079	1,093
Colorado .....	25.7	29.1	33.5	32.5	32.5	861	946
Idaho .....	174.0	169.0	36.2	36.0	36.0	6,299	6,084
Michigan .....	153.0	150.0	26.2	28.0	29.5	4,009	4,425
Minnesota .....	426.0	435.0	26.0	23.3	24.1	11,076	10,484
Montana .....	42.8	44.5	29.2	34.2	34.2	1,250	1,522
Nebraska .....	44.2	46.0	29.7	29.6	29.6	1,313	1,362
North Dakota .....	225.0	211.0	25.3	24.0	24.0	5,693	5,064
Oregon .....	9.3	6.5	38.4	35.0	35.1	357	228
Wyoming .....	29.7	30.1	29.5	28.6	28.6	876	861
United States .....	1,154.0	1,145.7	28.4	27.5	28.0	32,813	32,069

<sup>1</sup> Relates to year of intended harvest for fall planted beets in central California and to year of planting for overwintered beets in central and southern California.

**Sugarcane for Sugar and Seed Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area harvested		Yield per acre <sup>1</sup>			Production <sup>1</sup>	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(1,000 acres)	(1,000 acres)	(tons)	(tons)	(tons)	(1,000 tons)	(1,000 tons)
Florida .....	416.0	409.0	34.6	35.5	35.4	14,400	14,479
Hawaii .....	17.7	19.0	78.9	75.0	75.0	1,397	1,425
Louisiana .....	442.0	420.0	30.5	29.0	29.0	13,481	12,180
Texas .....	35.1	34.5	42.3	36.4	36.4	1,483	1,256
United States .....	910.8	882.5	33.8	33.3	33.2	30,761	29,340

<sup>1</sup> Net tons.

**Dry Edible Bean Area Planted, Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area planted		Area harvested	
	2013 (1,000 acres)	2014 (1,000 acres)	2013 (1,000 acres)	2014 (1,000 acres)
Arizona <sup>1</sup> .....	10.0	10.0	10.0	10.0
California .....	50.0	48.0	49.5	47.5
Colorado .....	39.0	46.0	36.0	43.0
Idaho .....	125.0	130.0	124.0	129.0
Kansas .....	5.0	7.5	4.8	7.0
Michigan .....	175.0	210.0	172.0	207.0
Minnesota .....	125.0	150.0	120.0	143.0
Montana <sup>1</sup> .....	24.0	40.0	23.6	39.0
Nebraska .....	130.0	165.0	117.0	152.0
New Mexico <sup>1</sup> .....	10.0	9.8	9.5	9.7
New York .....	9.0	8.0	8.8	7.8
North Dakota .....	440.0	650.0	430.0	620.0
Oregon <sup>1</sup> .....	8.3	9.5	8.2	9.5
South Dakota .....	12.0	14.0	11.5	13.2
Texas .....	33.0	22.0	30.0	20.0
Washington .....	115.0	120.0	114.0	120.0
Wisconsin <sup>1</sup> .....	5.4	7.6	5.4	7.6
Wyoming .....	39.0	42.0	37.0	40.0
United States .....	1,354.7	1,689.4	1,311.3	1,625.3
State	Yield per acre <sup>2</sup>		Production <sup>2</sup>	
	2013 (pounds)	2014 (pounds)	2013 (1,000 cwt)	2014 (1,000 cwt)
Arizona <sup>1</sup> .....	1,680	1,700	168	170
California .....	2,320	2,400	1,150	1,140
Colorado .....	1,500	1,800	540	774
Idaho .....	1,900	2,000	2,356	2,580
Kansas .....	1,790	2,000	86	140
Michigan .....	1,900	2,100	3,270	4,347
Minnesota .....	1,950	1,400	2,340	2,002
Montana <sup>1</sup> .....	1,920	2,200	453	858
Nebraska .....	2,350	2,550	2,750	3,876
New Mexico <sup>1</sup> .....	2,040	2,200	194	213
New York .....	1,820	1,700	160	133
North Dakota .....	1,650	1,450	7,095	8,990
Oregon <sup>1</sup> .....	2,260	2,400	185	228
South Dakota .....	2,000	1,900	230	251
Texas .....	1,220	1,100	366	220
Washington .....	1,820	1,600	2,075	1,920
Wisconsin <sup>1</sup> .....	1,810	2,020	98	154
Wyoming .....	2,620	2,600	970	1,040
United States .....	1,867	1,787	24,486	29,036

<sup>1</sup> Estimates for current year carried forward from an earlier forecast.

<sup>2</sup> Clean basis.

**Tobacco Area Harvested, Yield, and Production – States and United States: 2013 and Forecasted October 1, 2014**

State	Area harvested		Yield per acre			Production	
	2013	2014	2013	2014		2013	2014
				September 1	October 1		
	(acres)	(acres)	(pounds)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
Connecticut .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Georgia .....	12,800	14,000	1,750	2,500	2,500	22,400	35,000
Kentucky .....	87,200	86,300	2,147	2,345	2,345	187,240	202,340
Massachusetts .....	(D)	(D)	(D)	(D)	(D)	(D)	(D)
North Carolina .....	181,900	182,800	1,994	2,296	2,395	362,660	437,820
Ohio <sup>1</sup> .....	2,100	2,000	2,200	2,200	2,200	4,620	4,400
Pennsylvania .....	8,900	9,100	2,389	2,434	2,417	21,260	21,995
South Carolina .....	14,500	15,000	1,700	2,100	2,200	24,650	33,000
Tennessee .....	21,400	21,800	2,083	2,209	2,209	44,570	48,160
Virginia .....	24,250	24,830	2,170	2,461	2,461	52,613	61,118
Other States <sup>2</sup> .....	2,625	3,050	1,358	1,556	1,611	3,566	4,915
United States .....	355,675	358,880	2,034	2,310	2,365	723,579	848,748

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Estimates for current year carried forward from an earlier forecast.

<sup>2</sup> Includes data withheld above.

**Tobacco Area Harvested, Yield, and Production by Class and Type – States and United States: 2013 and Forecasted October 1, 2014**

Class, type, and State	Area harvested		Yield per acre		Production	
	2013	2014	2013	2014	2013	2014
	(acres)	(acres)	(pounds)	(pounds)	(1,000 pounds)	(1,000 pounds)
<b>Class 1, Flue-cured (11-14)</b>						
Georgia .....	12,800	14,000	1,750	2,500	22,400	35,000
North Carolina .....	180,000	181,000	2,000	2,400	360,000	434,400
South Carolina .....	14,500	15,000	1,700	2,200	24,650	33,000
Virginia .....	21,500	22,000	2,200	2,500	47,300	55,000
United States .....	228,800	232,000	1,986	2,403	454,350	557,400
<b>Class 2, Fire-cured (21-23)</b>						
Kentucky .....	9,000	9,000	3,100	3,300	27,900	29,700
Tennessee .....	6,900	6,700	3,150	3,000	21,735	20,100
Virginia .....	350	330	2,150	2,250	753	743
United States .....	16,250	16,030	3,101	3,153	50,388	50,543
<b>Class 3A, Light air-cured</b>						
Type 31, Burley						
Kentucky .....	74,000	73,000	2,000	2,200	148,000	160,600
North Carolina .....	1,900	1,800	1,400	1,900	2,660	3,420
Ohio <sup>1</sup> .....	2,100	2,000	2,200	2,200	4,620	4,400
Pennsylvania .....	5,100	5,100	2,400	2,450	12,240	12,495
Tennessee .....	13,500	14,000	1,510	1,800	20,385	25,200
Virginia .....	2,400	2,500	1,900	2,150	4,560	5,375
United States .....	99,000	98,400	1,944	2,149	192,465	211,490
Type 32, Southern Maryland Belt						
Pennsylvania .....	2,000	2,000	2,350	2,350	4,700	4,700
<b>Total light air-cured (31-32) .....</b>	<b>101,000</b>	<b>100,400</b>	<b>1,952</b>	<b>2,153</b>	<b>197,165</b>	<b>216,190</b>
<b>Class 3B, Dark air-cured (35-37)</b>						
Kentucky .....	4,200	4,300	2,700	2,800	11,340	12,040
Tennessee .....	1,000	1,100	2,450	2,600	2,450	2,860
United States .....	5,200	5,400	2,652	2,759	13,790	14,900
<b>Class 4, Cigar filler</b>						
Type 41, Pennsylvania Seedleaf						
Pennsylvania .....	1,800	2,000	2,400	2,400	4,320	4,800
<b>Class 5, Cigar binder</b>						
Type 51 Connecticut Valley Broadleaf						
Connecticut .....	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts .....	(D)	(D)	(D)	(D)	(D)	(D)
United States .....	(D)	(D)	(D)	(D)	(D)	(D)
<b>Class 6, Cigar wrapper</b>						
Type 61, Connecticut Valley Shade-grown						
Connecticut .....	(D)	(D)	(D)	(D)	(D)	(D)
Massachusetts .....	(D)	(D)	(D)	(D)	(D)	(D)
United States .....	(D)	(D)	(D)	(D)	(D)	(D)
<b>Other cigar types (51-61) .....</b>	<b>2,625</b>	<b>3,050</b>	<b>1,358</b>	<b>1,611</b>	<b>3,566</b>	<b>4,915</b>
<b>Total cigar types (41-61) .....</b>	<b>4,425</b>	<b>5,050</b>	<b>1,782</b>	<b>1,924</b>	<b>7,886</b>	<b>9,715</b>
<b>All tobacco</b>						
United States .....	355,675	358,880	2,034	2,365	723,579	848,748

(D) Withheld to avoid disclosing data for individual operations.  
<sup>1</sup> Estimates for current year carried forward from an earlier forecast.

## Utilized Production of Citrus Fruits by Crop – States and United States: 2013-2014 and Forecasted October 1, 2014

[The crop year begins with the bloom of the first year shown and ends with the completion of harvest the following year]

Crop and State	Utilized production boxes <sup>1</sup>		Utilized production ton equivalent	
	2013-2014 (1,000 boxes)	2014-2015 (1,000 boxes)	2013-2014 (1,000 tons)	2014-2015 (1,000 tons)
<b>Oranges</b>				
Early, mid, and Navel <sup>2</sup>				
California .....	39,000	40,500	1,560	1,620
Florida .....	53,300	52,000	2,398	2,340
Texas .....	1,400	1,627	60	69
United States .....	93,700	94,127	4,018	4,029
Valencia				
California .....	11,000	10,000	440	400
Florida .....	51,300	56,000	2,309	2,520
Texas .....	376	345	16	15
United States .....	62,676	66,345	2,765	2,935
All				
California .....	50,000	50,500	2,000	2,020
Florida .....	104,600	108,000	4,707	4,860
Texas .....	1,776	1,972	76	84
United States .....	156,376	160,472	6,783	6,964
<b>Grapefruit</b>				
White				
Florida .....	4,150	4,000	176	170
Colored				
Florida .....	11,500	11,000	489	468
All				
California .....	4,000	4,000	160	160
Florida .....	15,650	15,000	665	638
Texas .....	5,700	5,750	228	230
United States .....	25,350	24,750	1,053	1,028
<b>Tangerines and mandarins</b>				
Arizona <sup>3</sup> .....	200	220	8	9
California <sup>3</sup> .....	14,500	16,000	580	640
Florida .....	2,900	2,800	138	133
United States .....	17,600	19,020	726	782
<b>Lemons</b>				
Arizona .....	1,800	2,000	72	80
California .....	19,000	19,000	760	760
United States .....	20,800	21,000	832	840
<b>Tangelos</b>				
Florida .....	880	900	40	41

<sup>1</sup> Net pounds per box: oranges in California-80, Florida-90, Texas-85; grapefruit in California-80, Florida-85, Texas-80; tangerines and mandarins in Arizona and California-80, Florida-95; lemons-80; tangelos-90.

<sup>2</sup> Navel and miscellaneous varieties in California. Early (including Navel) and midseason varieties in Florida and Texas. Small quantities of tangerines in Texas and Temples in Florida.

<sup>3</sup> Includes tangelos and tangors.

## Pecan Production by Variety – States and United States: 2013 and Forecasted October 1, 2014

Variety and State	Utilized production (in-shell basis)	
	2013 (1,000 pounds)	2014 (1,000 pounds)
<b>Improved varieties <sup>1</sup></b>		
Alabama .....	2,500	3,500
Arizona .....	22,500	20,000
Arkansas .....	2,000	2,200
California .....	5,000	4,200
Florida .....	700	690
Georgia .....	83,000	81,000
Louisiana .....	1,500	2,500
Mississippi .....	3,800	700
Missouri .....	500	270
New Mexico .....	72,000	65,000
Oklahoma .....	3,000	4,000
South Carolina .....	1,500	960
Texas .....	22,000	48,000
United States .....	220,000	233,020
<b>Native and seedling</b>		
Alabama .....	770	500
Arkansas .....	700	1,300
Florida .....	(D)	60
Georgia .....	6,000	4,000
Kansas .....	(D)	1,200
Louisiana .....	9,500	11,500
Mississippi .....	1,700	300
Missouri .....	2,240	1,600
Oklahoma .....	17,000	10,000
South Carolina .....	60	140
Texas .....	6,000	12,000
Other States .....	2,360	-
United States .....	46,330	42,600
<b>All</b>		
Alabama .....	3,270	4,000
Arizona .....	22,500	20,000
Arkansas .....	2,700	3,500
California .....	5,000	4,200
Florida .....	(D)	750
Georgia .....	89,000	85,000
Kansas .....	(D)	1,200
Louisiana .....	11,000	14,000
Mississippi .....	5,500	1,000
Missouri .....	2,740	1,870
New Mexico .....	72,000	65,000
Oklahoma .....	20,000	14,000
South Carolina .....	1,560	1,100
Texas .....	28,000	60,000
Other States .....	3,060	-
United States .....	266,330	275,620

- Represents zero.

(D) Withheld to avoid disclosing data for individual operations.

<sup>1</sup> Budded, grafted, or topworked varieties.

## Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States: 2013 and 2014

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year.  
Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2013	2014	2013	2014
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)
<b>Grains and hay</b>				
Barley .....	3,528	2,975	3,040	2,458
Corn for grain <sup>1</sup> .....	95,365	90,885	87,668	83,097
Corn for silage .....	(NA)		6,256	
Hay, all .....	(NA)	(NA)	58,257	57,646
Alfalfa .....	(NA)	(NA)	17,763	18,190
All other .....	(NA)	(NA)	40,494	39,456
Oats .....	2,980	2,723	1,009	1,039
Proso millet .....	720	470	638	
Rice .....	2,489	2,931	2,468	2,910
Rye .....	1,451	1,434	278	258
Sorghum for grain <sup>1</sup> .....	8,061	7,213	6,530	6,174
Sorghum for silage .....	(NA)		380	
Wheat, all .....	56,236	56,822	45,332	46,476
Winter .....	43,230	42,399	32,650	32,304
Durum .....	1,400	1,398	1,338	1,372
Other spring .....	11,606	13,025	11,344	12,800
<b>Oilseeds</b>				
Canola .....	1,348.0	1,711.5	1,264.5	1,554.2
Cottonseed .....	(X)	(X)	(X)	(X)
Flaxseed .....	181	332	172	324
Mustard seed .....	45.0	36.0	43.4	34.5
Peanuts .....	1,067.0	1,342.0	1,043.0	1,307.0
Rapeseed .....	1.7	2.6	1.7	2.5
Safflower .....	175.5	183.5	170.0	176.2
Soybeans for beans .....	76,840	84,184	76,253	83,403
Sunflower .....	1,575.5	1,573.7	1,474.6	1,508.8
<b>Cotton, tobacco, and sugar crops</b>				
Cotton, all .....	10,407.0	11,010.0	7,544.4	9,881.4
Upland .....	10,206.0	10,818.0	7,345.0	9,692.0
American Pima .....	201.0	192.0	199.4	189.4
Sugarbeets .....	1,198.1	1,162.7	1,154.0	1,145.7
Sugarcane .....	(NA)	(NA)	910.8	882.5
Tobacco .....	(NA)	(NA)	355.7	358.9
<b>Dry beans, peas, and lentils</b>				
Austrian winter peas .....	18.0	28.5	14.1	
Dry edible beans .....	1,354.7	1,689.4	1,311.3	1,625.3
Dry edible peas .....	860.0	921.0	797.0	
Lentils .....	362.0	320.0	347.0	
Wrinkled seed peas .....	(NA)		(NA)	
<b>Potatoes and miscellaneous</b>				
Coffee (Hawaii) .....	(NA)		8.2	
Hops .....	(NA)	(NA)	35.2	38.4
Peppermint oil .....	(NA)		68.8	
Potatoes, all .....	1,063.9	1,080.5	1,050.9	1,065.7
Spring .....	75.9	73.8	72.9	72.3
Summer .....	48.7	51.3	47.5	50.2
Fall .....	939.3	955.4	930.5	943.2
Spearmint oil .....	(NA)		24.5	
Sweet potatoes .....	115.7	133.0	113.2	130.0
Taro (Hawaii) <sup>2</sup> .....	(NA)		0.4	

See footnote(s) at end of table.

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**Crop Area Planted and Harvested, Yield, and Production in Domestic Units – United States:  
2013 and 2014 (continued)**

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year.  
Blank data cells indicate estimation period has not yet begun]

Crop	Yield per acre		Production		
	2013	2014	2013 (1,000)	2014 (1,000)	
<b>Grains and hay</b>					
Barley .....	bushels	71.3	73.4	216,745	180,427
Corn for grain .....	bushels	158.8	174.2	13,925,147	14,474,920
Corn for silage .....	tons	18.8		117,851	
Hay, all .....	tons	2.33	2.58	135,946	148,671
Alfalfa .....	tons	3.24	3.55	57,581	64,524
All other .....	tons	1.94	2.13	78,365	84,147
Oats .....	bushels	64.1	67.8	64,642	70,460
Proso millet .....	bushels	28.9		18,436	
Rice <sup>3</sup> .....	cwt	7,694	7,584	189,886	220,691
Rye .....	bushels	27.4	27.9	7,626	7,189
Sorghum for grain .....	bushels	59.6	65.4	389,046	403,514
Sorghum for silage .....	tons	14.3		5,420	
Wheat, all .....	bushels	47.1	43.8	2,134,979	2,035,373
Winter .....	bushels	47.3	42.6	1,542,902	1,377,526
Durum .....	bushels	43.3	41.6	57,976	57,094
Other spring .....	bushels	47.1	46.9	534,101	600,753
<b>Oilseeds</b>					
Canola .....	pounds	1,748	1,622	2,210,505	2,520,925
Cottonseed .....	tons	(X)	(X)	4,203.0	5,369.0
Flaxseed .....	bushels	19.5		3,356	
Mustard seed .....	pounds	846		36,727	
Peanuts .....	pounds	4,001	3,812	4,173,170	4,982,100
Rapeseed .....	pounds	1,141		1,940	
Safflower .....	pounds	1,232		209,461	
Soybeans for beans .....	bushels	44.0	47.1	3,357,984	3,926,812
Sunflower .....	pounds	1,378	1,626	2,032,725	2,453,770
<b>Cotton, tobacco, and sugar crops</b>					
Cotton, all <sup>3</sup> .....	bales	821	790	12,909.2	16,255.0
Upland <sup>3</sup> .....	bales	802	776	12,275.0	15,677.0
American Pima <sup>3</sup> .....	bales	1,527	1,465	634.2	578.0
Sugarbeets .....	tons	28.4	28.0	32,813	32,069
Sugarcane .....	tons	33.8	33.2	30,761	29,340
Tobacco .....	pounds	2,034	2,365	723,579	848,748
<b>Dry beans, peas, and lentils</b>					
Austrian winter peas <sup>3</sup> .....	cwt	1,617		228	
Dry edible beans <sup>3</sup> .....	cwt	1,867	1,787	24,486	29,036
Dry edible peas <sup>3</sup> .....	cwt	1,960		15,620	
Lentils <sup>3</sup> .....	cwt	1,446		5,019	
Wrinkled seed peas .....	cwt	(NA)		275	
<b>Potatoes and miscellaneous</b>					
Coffee (Hawaii) .....	pounds	940		7,700	
Hops .....	pounds	1,969	1,882	69,343.9	72,265.6
Peppermint oil .....	pounds	89		6,132	
Potatoes, all .....	cwt	414		434,652	
Spring .....	cwt	304	290	22,137	20,991
Summer .....	cwt	363	310	17,240	15,580
Fall .....	cwt	425		395,275	
Spearmint oil .....	pounds	119		2,926	
Sweet potatoes .....	cwt	219		24,785	
Taro (Hawaii) .....	pounds	(NA)		3,100	

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Area planted for all purposes.

<sup>2</sup> Area is total acres in crop, not harvested acres.

<sup>3</sup> Yield in pounds.

## Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States: 2013 and 2014

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year.  
Blank data cells indicate estimation period has not yet begun]

Crop	Area planted		Area harvested	
	2013	2014	2013	2014
	(hectares)	(hectares)	(hectares)	(hectares)
<b>Grains and hay</b>				
Barley .....	1,427,750	1,203,950	1,230,260	994,730
Corn for grain <sup>1</sup> .....	38,593,260	36,780,250	35,478,360	33,628,520
Corn for silage .....	(NA)		2,531,740	
Hay, all <sup>2</sup> .....	(NA)	(NA)	23,576,030	23,328,760
Alfalfa .....	(NA)	(NA)	7,188,510	7,361,310
All other .....	(NA)	(NA)	16,387,520	15,967,450
Oats .....	1,205,980	1,101,970	408,330	420,470
Proso millet .....	291,380	190,200	258,190	
Rice .....	1,007,270	1,186,150	998,770	1,177,650
Rye .....	587,210	580,330	112,500	104,410
Sorghum for grain <sup>1</sup> .....	3,262,210	2,919,030	2,642,630	2,498,560
Sorghum for silage .....	(NA)		153,780	
Wheat, all <sup>2</sup> .....	22,758,150	22,995,300	18,345,410	18,808,370
Winter .....	17,494,750	17,158,450	13,213,130	13,073,110
Durum .....	566,570	565,760	541,480	555,230
Other spring .....	4,696,830	5,271,090	4,590,800	5,180,030
<b>Oilseeds</b>				
Canola .....	545,520	692,630	511,730	628,970
Cottonseed .....	(X)	(X)	(X)	(X)
Flaxseed .....	73,250	134,360	69,610	131,120
Mustard seed .....	18,210	14,570	17,560	13,960
Peanuts .....	431,800	543,090	421,690	528,930
Rapeseed .....	690	1,050	690	1,010
Safflower .....	71,020	74,260	68,800	71,310
Soybeans for beans .....	31,096,380	34,068,420	30,858,830	33,752,360
Sunflower .....	637,590	636,860	596,760	610,600
<b>Cotton, tobacco, and sugar crops</b>				
Cotton, all <sup>2</sup> .....	4,211,610	4,455,640	3,053,140	3,998,900
Upland .....	4,130,270	4,377,940	2,972,450	3,922,260
American Pima .....	81,340	77,700	80,700	76,650
Sugarbeets .....	484,860	470,530	467,010	463,650
Sugarcane .....	(NA)	(NA)	368,590	357,140
Tobacco .....	(NA)	(NA)	143,940	145,240
<b>Dry beans, peas, and lentils</b>				
Austrian winter peas .....	7,280	11,530	5,710	
Dry edible beans .....	548,230	683,680	530,670	657,740
Dry edible peas .....	348,030	372,720	322,540	
Lentils .....	146,500	129,500	140,430	
Wrinkled seed peas .....	(NA)		(NA)	
<b>Potatoes and miscellaneous</b>				
Coffee (Hawaii) .....	(NA)		3,320	
Hops .....	(NA)	(NA)	14,250	15,540
Peppermint oil .....	(NA)		27,840	
Potatoes, all <sup>2</sup> .....	430,550	437,270	425,290	431,280
Spring .....	30,720	29,870	29,500	29,260
Summer .....	19,710	20,760	19,220	20,320
Fall .....	380,130	386,640	376,560	381,700
Spearmint oil .....	(NA)		9,910	
Sweet potatoes .....	46,820	53,820	45,810	52,610
Taro (Hawaii) <sup>3</sup> .....	(NA)		160	

See footnote(s) at end of table.

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**Crop Area Planted and Harvested, Yield, and Production in Metric Units – United States:  
2013 and 2014 (continued)**

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year. Blank data cells indicate estimation period has not yet begun]

Crop	Yield per hectare		Production	
	2013	2014	2013	2014
	(metric tons)	(metric tons)	(metric tons)	(metric tons)
<b>Grains and hay</b>				
Barley .....	3.89	3.95	4,719,070	3,928,330
Corn for grain .....	9.97	10.93	353,715,030	367,679,900
Corn for silage .....	42.23		106,912,630	
Hay, all <sup>2</sup> .....	5.23	5.78	123,328,140	134,872,060
Alfalfa .....	7.27	7.95	52,236,600	58,535,190
All other .....	4.34	4.78	71,091,530	76,336,870
Oats .....	2.25	2.43	938,280	1,022,720
Proso millet .....	1.62		418,120	
Rice .....	8.62	8.50	8,613,080	10,010,380
Rye .....	1.72	1.75	193,710	182,610
Sorghum for grain .....	3.74	4.10	9,882,220	10,249,730
Sorghum for silage .....	31.97		4,916,940	
Wheat, all <sup>2</sup> .....	3.18	2.95	58,104,610	55,393,780
Winter .....	3.20	2.87	41,990,910	37,490,110
Durum .....	2.74	2.80	1,577,850	1,553,840
Other spring .....	3.17	3.16	14,535,850	16,349,820
<b>Oilseeds</b>				
Canola .....	1.96	1.82	1,002,670	1,143,470
Cottonseed .....	(X)	(X)	3,812,900	4,870,670
Flaxseed .....	1.22		85,250	
Mustard seed .....	0.95		16,660	
Peanuts .....	4.49	4.27	1,893,380	2,259,840
Rapeseed .....	1.28		880	
Safflower .....	1.38		95,010	
Soybeans for beans .....	2.96	3.17	91,389,350	106,870,310
Sunflower .....	1.55	1.82	922,030	1,113,010
<b>Cotton, tobacco, and sugar crops</b>				
Cotton, all <sup>2</sup> .....	0.92	0.89	2,810,650	3,539,110
Upland .....	0.90	0.87	2,672,570	3,413,260
American Pima .....	1.71	1.64	138,080	125,840
Sugarbeets .....	63.74	62.75	29,767,450	29,092,510
Sugarcane .....	75.71	74.53	27,905,910	26,616,800
Tobacco .....	2.28	2.65	328,210	384,990
<b>Dry beans, peas, and lentils</b>				
Austrian winter peas .....	1.81		10,340	
Dry edible beans .....	2.09	2.00	1,110,670	1,317,050
Dry edible peas .....	2.20		708,510	
Lentils .....	1.62		227,660	
Wrinkled seed peas .....	(NA)		12,470	
<b>Potatoes and miscellaneous</b>				
Coffee (Hawaii) .....	1.05		3,490	
Hops .....	2.21	2.11	31,450	32,780
Peppermint oil .....	0.10		2,780	
Potatoes, all <sup>2</sup> .....	46.36		19,715,480	
Spring .....	34.04	32.54	1,004,120	952,140
Summer .....	40.68	34.79	781,990	706,700
Fall .....	47.61		17,929,370	
Spearmint oil .....	0.13		1,330	
Sweet potatoes .....	24.54		1,124,230	
Taro (Hawaii) .....	400.00		1,410	

(NA) Not available.

(X) Not applicable.

<sup>1</sup> Area planted for all purposes.

<sup>2</sup> Total may not add due to rounding.

<sup>3</sup> Area is total hectares in crop, not harvested hectares.

## Fruits and Nuts Production in Domestic Units – United States: 2014 and 2015

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year, except citrus which is for the 2013-2014 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production	
	2014	2015
	(1,000)	(1,000)
<b>Citrus</b> <sup>1</sup>		
Grapefruit ..... tons	1,053	1,028
Lemons ..... tons	832	840
Oranges ..... tons	6,783	6,964
Tangelos (Florida) ..... tons	40	41
Tangerines and mandarins ..... tons	726	782
<b>Noncitrus</b>		
Apples ..... 1,000 pounds	10,888.4	
Apricots ..... tons	61.5	
Bananas (Hawaii) ..... pounds		
Grapes ..... tons	7,937.5	
Olives (California) ..... tons		
Papayas (Hawaii) ..... pounds		
Peaches ..... tons	863.9	
Pears ..... tons	799.1	
Prunes, dried (California) ..... tons	95.0	
Prunes and plums (excludes California) ..... tons		
<b>Nuts and miscellaneous</b>		
Almonds, shelled (California) ..... pounds	2,100,000	
Hazelnuts, in-shell (Oregon) ..... tons	36.0	
Pecans, in-shell ..... pounds	275,620	
Walnuts, in-shell (California) ..... tons	545.0	
Maple syrup ..... gallons	3,167	

<sup>1</sup> Production years are 2013-2014 and 2014-2015.

## Fruits and Nuts Production in Metric Units – United States: 2014 and 2015

[Data are the latest estimates available, either from the current report or from previous reports. Current year estimates are for the full 2014 crop year, except citrus which is for the 2013-2014 season. Blank data cells indicate estimation period has not yet begun]

Crop	Production	
	2014 (metric tons)	2015 (metric tons)
<b>Citrus <sup>1</sup></b>		
Grapefruit .....	955,270	932,590
Lemons .....	754,780	762,040
Oranges .....	6,153,430	6,317,630
Tangelos (Florida) .....	36,290	37,190
Tangerines and mandarins .....	658,620	709,420
<b>Noncitrus</b>		
Apples .....	4,938,900	
Apricots .....	55,780	
Bananas (Hawaii) .....		
Grapes .....	7,200,780	
Olives (California) .....		
Papayas (Hawaii) .....		
Peaches .....	783,680	
Pears .....	724,930	
Prunes, dried (California) .....	86,180	
Prunes and plums (excludes California) .....		
<b>Nuts and miscellaneous</b>		
Almonds, shelled (California) .....	952,540	
Hazelnuts, in-shell (Oregon) .....	32,660	
Pecans, in-shell .....	125,020	
Walnuts, in-shell (California) .....	494,420	
Maple syrup .....	15,830	

<sup>1</sup> Production years are 2013-2014 and 2014-2015.

## Corn for Grain Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 10 corn-producing States during 2014. Randomly selected plots in corn for grain fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from this survey.

### Corn for Grain Plant Population per Acre – Selected States: 2010-2014

[Blank data cells indicate estimation period has not yet begun]

State and month	2010	2011	2012	2013	2014	State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
<b>Illinois</b>						<b>Nebraska</b>					
September .....	29,750	30,450	29,700	30,700	30,900	All corn					
October .....	29,600	30,450	29,750	(NA)	30,800	September ...	25,700	25,400	26,150	26,000	26,450
November .....	29,650	30,400	29,750	30,850		October .....	25,600	25,400	26,150	(NA)	26,450
Final .....	29,650	30,450	29,800	30,850		November ....	25,550	25,450	26,150	26,100	
						Final .....	25,550	25,450	26,150	26,100	
<b>Indiana</b>						Irrigated					
September .....	28,300	29,200	29,250	30,250	31,200	September ...	27,750	28,150	29,100	29,150	28,850
October .....	28,350	29,200	29,200	(NA)	31,000	October .....	27,600	28,200	29,000	(NA)	28,850
November .....	28,350	29,150	29,200	30,400		November ....	27,600	28,250	29,000	29,300	
Final .....	28,350	29,150	29,200	30,450		Final .....	27,600	28,250	29,000	29,250	
<b>Iowa</b>						Non-irrigated					
September .....	30,050	30,850	30,150	30,250	30,850	September ...	22,350	21,250	21,600	21,000	22,650
October .....	30,000	30,750	30,100	(NA)	30,800	October .....	22,350	21,200	21,850	(NA)	22,550
November .....	29,950	30,750	30,100	30,000		November ....	22,300	21,200	21,850	21,050	
Final .....	29,950	30,750	30,100	30,050		Final .....	22,300	21,200	21,850	21,050	
<b>Kansas</b>						<b>Ohio</b>					
September .....	21,850	21,500	23,050	22,900	23,750	September ....	28,400	29,550	29,200	28,800	29,600
October .....	21,950	21,550	23,200	(NA)	23,550	October .....	28,200	29,350	29,100	(NA)	29,700
November .....	21,950	21,500	23,200	22,850		November ....	28,200	29,350	29,100	28,700	
Final .....	21,950	21,500	23,200	22,850		Final .....	28,200	29,350	29,100	28,650	
<b>Minnesota</b>						<b>South Dakota</b>					
September .....	29,850	30,250	30,000	31,350	31,400	September ....	24,550	25,300	24,200	25,300	24,550
October .....	29,750	30,200	30,000	(NA)	31,350	October .....	24,450	25,250	23,900	(NA)	24,250
November .....	29,900	30,250	30,000	30,950		November ....	24,350	25,500	24,000	25,100	
Final .....	29,900	30,250	30,000	30,950		Final .....	24,350	25,500	24,000	25,100	
<b>Missouri</b>						<b>Wisconsin</b>					
September .....	25,700	25,850	26,650	27,700	27,650	September ....	28,600	29,000	29,000	29,050	30,000
October .....	25,500	25,800	26,550	(NA)	27,400	October .....	28,300	28,900	28,550	(NA)	29,900
November .....	25,500	25,800	26,550	27,800		November ....	28,300	28,950	28,600	29,150	
Final .....	25,500	25,800	26,550	27,850		Final .....	28,300	28,950	28,600	29,150	

(NA) Not available.

## Corn for Grain Number of Ears per Acre – Selected States: 2010-2014

[Blank data cells indicate estimation period has not yet begun]

State and month	2010	2011	2012	2013	2014	State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
<b>Illinois</b>						<b>Nebraska</b>					
September .....	28,650	29,650	24,000	29,900	30,300	All corn					
October .....	28,500	29,550	24,250	(NA)	30,300	September .....	25,250	24,500	24,500	26,050	26,500
November .....	28,550	29,550	24,250	30,150		October .....	25,250	24,350	24,050	(NA)	26,450
Final .....	28,550	29,600	24,300	30,150		November .....	25,100	24,350	24,050	25,700	
						Final .....	25,100	24,350	24,050	25,700	
<b>Indiana</b>						<b>Irrigated</b>					
September .....	27,900	27,950	26,500	29,850	30,850	September .....	27,100	26,950	28,600	29,150	28,750
October .....	27,750	27,800	26,150	(NA)	30,650	October .....	27,100	26,800	28,300	(NA)	28,900
November .....	27,750	27,750	26,150	29,750		November .....	26,950	26,800	28,300	28,700	
Final .....	27,750	27,750	26,150	29,850		Final .....	26,950	26,800	28,300	28,700	
<b>Iowa</b>						<b>Non-irrigated</b>					
September .....	29,450	30,100	28,250	29,700	30,350	September .....	22,350	20,800	18,250	21,200	22,900
October .....	29,450	30,050	28,150	(NA)	30,150	October .....	22,250	20,650	17,600	(NA)	22,550
November .....	29,300	30,050	28,150	29,500		November .....	22,200	20,650	17,550	20,950	
Final .....	29,300	30,050	28,150	29,550		Final .....	22,200	20,650	17,550	20,950	
<b>Kansas</b>						<b>Ohio</b>					
September .....	21,250	20,900	20,350	22,500	24,450	September .....	27,700	28,700	27,700	28,350	29,200
October .....	21,250	20,650	20,550	(NA)	24,000	October .....	27,650	28,950	27,150	(NA)	29,700
November .....	21,250	20,650	20,550	22,200		November .....	27,650	29,150	27,100	28,200	
Final .....	21,250	20,650	20,550	22,200		Final .....	27,650	29,150	27,100	28,300	
<b>Minnesota</b>						<b>South Dakota</b>					
September .....	29,750	29,750	29,450	30,750	31,050	September .....	24,850	25,800	22,150	25,600	24,850
October .....	29,600	29,300	29,400	(NA)	31,050	October .....	24,800	25,150	21,550	(NA)	24,400
November .....	29,700	29,350	29,400	30,850		November .....	24,450	25,250	21,550	25,300	
Final .....	29,700	29,350	29,400	30,850		Final .....	24,450	25,250	21,550	25,300	
<b>Missouri</b>						<b>Wisconsin</b>					
September .....	25,100	24,600	23,050	26,950	27,800	September .....	28,700	28,650	27,650	28,900	30,000
October .....	24,750	24,650	22,900	(NA)	27,950	October .....	28,500	28,650	27,300	(NA)	29,750
November .....	24,700	24,550	22,900	27,050		November .....	28,550	28,650	27,100	28,900	
Final .....	24,700	24,550	22,900	27,100		Final .....	28,550	28,650	27,150	28,850	

(NA) Not available.

## Corn Objective Yield Percent of Samples Processed in the Lab – United States: 2010-2014

[Blank data cells indicated estimation period has not yet begun]

Year	October		November	
	Dent stage <sup>1</sup>	Mature <sup>2</sup>	Dent stage <sup>1</sup>	Mature <sup>2</sup>
	(percent)	(percent)	(percent)	(percent)
2010 .....	7	82	(Z)	96
2011 .....	24	57	(Z)	94
2012 .....	3	90	(Z)	95
2013 .....	(NA)	(NA)	(Z)	86
2014 .....	39	53		

(NA) Not available.

(Z) Less than half of the unit shown.

<sup>1</sup> Includes corn in the dent stage of development. Ears are firm and solid. Kernels fully dented with no milk present in most kernels.

<sup>2</sup> Includes that portion of the crop that is mature and ready for harvest. No green foliage is present.

## Soybean Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in 11 soybean-producing States during 2014. Randomly selected plots in soybean fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are actual field counts from this survey.

### Soybean Pods with Beans per 18 Square Feet – Selected States: 2010-2014

[Blank data cells indicate estimation period has not yet begun]

State and month	2010	2011	2012	2013	2014	State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)		(number)	(number)	(number)	(number)	(number)
<b>Arkansas</b> <sup>1</sup>						<b>Minnesota</b>					
September .....	(NA)	(NA)	(NA)	(NA)	(NA)	September .....	1,679	1,670	1,587	1,433	1,414
October .....	1,591	1,434	1,574	(NA)	1,960	October .....	1,741	1,705	1,606	(NA)	1,431
November .....	1,805	1,607	1,570	1,864		November .....	1,783	1,678	1,605	1,400	
Final .....	1,833	1,597	1,590	1,734		Final .....	1,783	1,678	1,614	1,418	
<b>Illinois</b>						<b>Missouri</b>					
September .....	1,970	1,983	1,466	1,682	1,922	September .....	1,924	1,957	1,347	1,528	2,050
October .....	2,090	1,933	1,359	(NA)	1,913	October .....	1,899	1,781	1,205	(NA)	1,969
November .....	2,096	1,931	1,382	1,713		November .....	1,986	1,836	1,274	1,522	
Final .....	2,096	1,931	1,377	1,697		Final .....	1,993	1,797	1,271	1,500	
<b>Indiana</b>						<b>Nebraska</b>					
September .....	1,878	1,607	1,388	1,638	1,518	September .....	1,906	2,032	1,406	1,671	1,634
October .....	1,852	1,606	1,390	(NA)	1,634	October .....	2,109	2,075	1,509	(NA)	1,707
November .....	1,879	1,635	1,396	1,696		November .....	2,121	2,141	1,516	1,801	
Final .....	1,879	1,635	1,396	1,705		Final .....	2,121	2,141	1,516	1,801	
<b>Iowa</b>						<b>North Dakota</b>					
September .....	2,009	1,944	1,512	1,414	1,621	September .....	1,375	1,337	1,308	1,275	1,281
October .....	2,046	1,941	1,636	(NA)	1,690	October .....	1,416	1,382	1,326	(NA)	1,266
November .....	2,054	1,996	1,630	1,538		November .....	1,510	1,381	1,326	1,336	
Final .....	2,054	2,002	1,630	1,531		Final .....	1,510	1,381	1,326	1,336	
<b>Kansas</b>						<b>Ohio</b>					
September .....	1,402	1,488	1,038	1,295	1,303	September .....	1,991	1,882	1,674	1,889	1,882
October .....	1,392	1,466	1,039	(NA)	1,384	October .....	2,012	1,850	1,708	(NA)	1,835
November .....	1,427	1,375	1,092	1,319		November .....	2,022	1,893	1,747	1,780	
Final .....	1,429	1,375	1,092	1,360		Final .....	2,022	1,892	1,746	1,799	
						<b>South Dakota</b>					
						September .....	1,527	1,652	1,171	1,508	1,553
						October .....	1,622	1,492	1,142	(NA)	1,485
						November .....	1,605	1,530	1,127	1,543	
						Final .....	1,605	1,530	1,127	1,489	

(NA) Not available.

<sup>1</sup> September data not available due to plant immaturity.

### Soybean Objective Yield Percent of Samples Processed in the Lab – United States: 2010-2014

[Blank data cells indicate estimation period has not yet begun]

Year	October	November
	Mature <sup>1</sup>	Mature <sup>1</sup>
	(percent)	(percent)
2010 .....	59	94
2011 .....	32	95
2012 .....	64	94
2013 .....	(NA)	73
2014 .....	35	

(NA) Not available.

<sup>1</sup> Includes soybeans with brown pods and are considered mature or almost mature.



## Cotton Objective Yield Data

The National Agricultural Statistics Service is conducting objective yield surveys in six cotton-producing States during 2014. Randomly selected plots in cotton fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in this table are actual field counts from this survey.

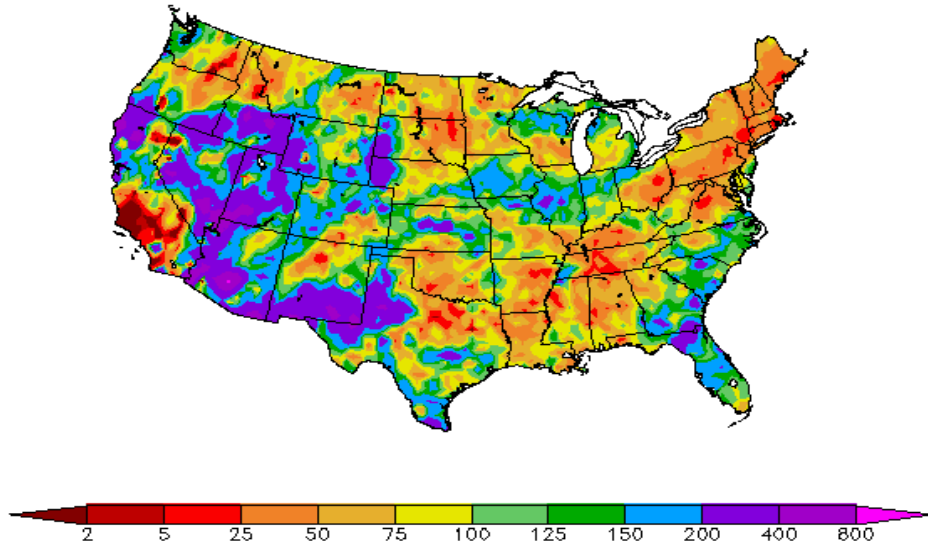
### Cotton Cumulative Boll Counts – Selected States: 2010-2014

[Includes small bolls (less than one inch in diameter), large unopened bolls (at least one inch in diameter), open bolls, partially opened bolls, and burrs per 40 feet of row. November, December, and Final exclude small bolls. Blank data cells indicate estimation period has not yet begun]

State and month	2010	2011	2012	2013	2014
	(number)	(number)	(number)	(number)	(number)
<b>Arkansas</b>					
September .....	911	901	841	1,025	910
October .....	893	845	852	(NA)	763
November .....	897	867	856	855	
December .....	894	868	856	862	
Final .....	894	868	856	862	
<b>Georgia</b>					
September .....	609	531	656	481	660
October .....	606	577	646	(NA)	690
November .....	686	659	756	663	
December .....	683	665	768	669	
Final .....	683	666	768	670	
<b>Louisiana</b>					
September .....	699	938	855	806	745
October .....	755	948	880	(NA)	877
November .....	789	949	900	857	
December .....	781	949	900	857	
Final .....	781	949	900	857	
<b>Mississippi</b>					
September .....	864	898	883	925	843
October .....	773	848	855	(NA)	859
November .....	776	874	896	906	
December .....	776	875	896	907	
Final .....	776	875	892	907	
<b>North Carolina</b>					
September .....	681	553	727	532	604
October .....	675	610	739	(NA)	680
November .....	689	646	865	636	
December .....	689	646	872	668	
Final .....	689	646	872	668	
<b>Texas</b>					
September .....	658	540	535	547	485
October .....	534	478	443	(NA)	460
November .....	589	515	522	517	
December .....	589	520	549	526	
Final .....	589	520	552	525	

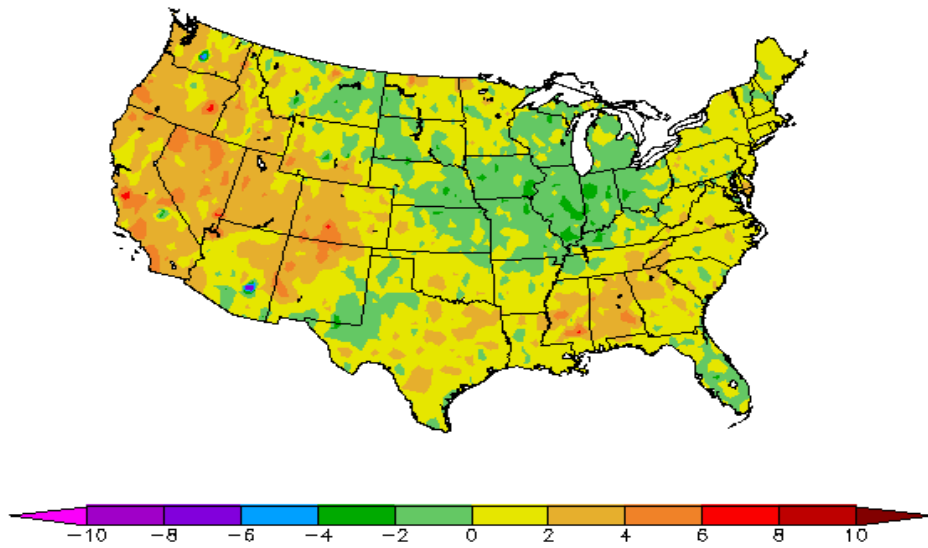
(NA) Not available.

Percent of Normal Precipitation (%)  
9/1/2014 - 9/30/2014



Regional Climate Centers

Departure from Normal Temperature (F)  
9/1/2014 - 9/30/2014



Regional Climate Centers

## September Weather Summary

September featured highly variable precipitation and rapidly fluctuating temperatures. In the Corn Belt alone, a cold snap led to widespread frost across the upper Midwest from September 11-13, but largely spared late-developing corn and soybeans. Following the cool spell, an extended period of late-season Midwestern warmth promoted summer crop maturation. Most of the upper Midwest experienced beneficial dryness, but heavy rain in the southern Corn Belt slowed early-season harvest efforts. Regardless of the weather extremes, Midwestern crop conditions remained near historic highs, with nearly three-quarters of the corn (74 percent) and soybeans (73 percent) rated in good to excellent condition by October 5. Those numbers represented the highest United States corn and soybean ratings in October since 2004 and 1994, respectively.

Meanwhile, a band of September dryness stretched from the southeastern Plains and Mid-South into the Northeast. The mostly dry weather favored summer crop maturation and harvesting, but increased stress on pastures and reduced topsoil moisture for the establishment of newly planted winter grains. Across the Deep South, however, heavy rain hampered fieldwork in several areas, including southern Texas and the southern Atlantic coastal plain.

Heavy September rain also soaked portions of the southern High Plains and the Southwest, in part due to moisture associated with the remnants of eastern Pacific Hurricanes Norbert and Odile. Substantial precipitation fell in other parts of the West, including the Great Basin and Intermountain region, providing some drought relief. However, warm, mostly dry weather persisted in central and southern California and portions of the interior Northwest. By October 5, at least one-third of the rangeland and pastures were rated in very poor to poor condition in California (70 percent), Oregon (48 percent), Nevada (40 percent), and Washington (34 percent).

## September Agricultural Summary

Most of the Nation saw above-average temperatures for the month of September, with scattered locations across the West recording temperatures more than 4°F above normal for the month. However, locations across the Corn Belt generally recorded below-average temperatures for the month, slowing down the maturity of row crops before harvest began. The eastern United States saw generally below-normal precipitation for the month with the exception of a band stretching from Iowa to Indiana and another along the Atlantic coast from North Carolina to Florida. Rainfall levels varied across the western United States from no precipitation in central and southern California to over 10 inches in southeast New Mexico.

Ninety percent of this year's corn crop was at or beyond the dough stage by August 31, eight percentage points ahead of last year and slightly ahead of the 5-year average. By August 31, eight percent of the corn crop was mature, 4 percentage points ahead of last year but 8 percentage points behind the 5-year average. At the beginning of the month, the percentage of corn mature was behind the 5-year averages in all of the estimating States except Nebraska and Texas. Below-average temperatures throughout the Corn Belt continued to slow down progress in major corn producing regions. Nationwide, 82 percent of the corn crop was at or beyond the dent stage by September 14, three percentage points ahead of last year but 3 percentage points behind the 5-year average. The corn harvest began in most southern Corn Belt locations by the middle of the month with 4 percent of the Nation's corn harvested by September 14, equal to the same time last year but 5 percentage points behind the 5-year average. Ninety-six percent of the corn crop was at or beyond the dent stage by September 28, slightly ahead of last year but slightly behind the 5-year average. By September 28, sixty percent of the corn crop was mature, equal to last year but 10 percentage points behind the 5-year average. Nationally, 12 percent of the corn crop was harvested by September 28, slightly ahead of last year but 11 percentage points behind the 5-year average. Overall, 74 percent of the corn crop was reported in good to excellent condition on September 28, unchanged from the beginning of the month but 19 percentage points better than the same time last year. Corn condition ratings in the good and excellent categories are as high as they have been this late in the season since 2004.

Sixty-one percent of the sorghum crop was coloring by August 31, nine percentage points ahead of last year and 7 percentage points ahead of the 5-year average. With progress limited to Arkansas, Louisiana, and Texas, 25 percent of the Nation's sorghum crop was harvested by August 31, two percentage points behind last year but slightly ahead of the 5-year average. By September 14, forty-five percent of the crop had reached maturity, 9 percentage points ahead of last year and 8 percentage points ahead of the 5-year average. Nationally, 28 percent of the sorghum crop had been harvested by September 14, four percentage points behind last year but slightly ahead of the 5-year average. Ninety-three percent of

the sorghum crop was coloring by September 28, equal to last year but 4 percentage points ahead of the 5-year average. By September 28, fifty-nine percent of the crop had reached maturity, 7 percentage points ahead of last year and 5 percentage points ahead of the 5-year average. Nationally, 32 percent of the sorghum crop had been harvested by week's end, 4 percentage points behind last year and slightly behind the 5-year average. Overall, 57 percent of the sorghum crop was reported in good to excellent condition, unchanged from August 31 but 3 percentage points better than the same time last year.

By August 31, fifty-eight percent of the barley crop was harvested, 15 percentage points behind last year and 10 percentage points behind the 5-year average. Eighty-one percent of the barley crop was harvested by September 7, six percentage points behind last year and slightly behind the 5-year average. Crop damage was reported in Idaho with sprouting and sooty mold due to increased precipitation during August. By September 21, ninety-five percent of this year's barley crop was harvested, 4 percentage points behind last year but equal to the 5-year average.

The seeding of the 2015 winter wheat crop was underway by the beginning of September with 3 percent planted by September 7, two percentage points behind last year and slightly behind the 5-year average. By September 21, producers had sown 25 percent of the winter wheat acreage, 4 percentage points ahead of last year's pace and 3 percentage points ahead of the 5-year average. Producers had sown 43 percent of the Nation's winter wheat acreage by September 28, six percentage points ahead of last year's pace and 7 percentage points ahead of the 5-year average. Dry conditions near the end of the month allowed for rapid planting progress in Oklahoma, with 57 percent complete by September 28, twenty-six percentage points ahead of the 5-year average. Nationally, 14 percent of the winter wheat had emerged on September 28, three percentage points ahead of the same time last year and 2 percentage points ahead of the 5-year average.

Thirty-eight percent of the spring wheat crop was harvested by August 31, twenty-three percentage points behind last year and 27 percentage points behind the 5-year average. Due to delayed spring planting the spring wheat harvest in Minnesota was nearly 3 weeks behind the 5-year average at the beginning of the month. Seventy-four percent of the spring wheat crop was harvested by September 14, fifteen percentage points behind last year and 12 percentage behind the 5-year average. Ninety-four percent of the spring wheat crop was harvested by September 28, slightly behind last year and 2 percentage points behind the 5-year average. By the end of the month, harvest was complete or nearly complete in Idaho, Minnesota, South Dakota, and Washington. On September 7, sixty percent of the spring wheat crop was reported in good to excellent condition, compared with 63 percent on August 31 and 70 percent at the end of August 2013.

By August 31, ninety-seven percent of the rice crop was at or beyond the heading stage, 3 percentage points ahead of both last year and the 5-year average. Producers had harvested 17 percent of the Nation's rice crop by August 31, equal to last year but 9 percentage points behind the 5-year average. Forty-six percent of the Nation's rice crop was harvested by September 21, two percentage points ahead of last year but 7 percentage points behind the 5-year average. Fifty-nine percent of the Nation's rice crop was harvested by September 28, three percentage points ahead of last year but 3 percentage points behind the 5-year average. The rice harvest was nearly complete in Louisiana and Texas by the end of the month, and over a majority of the crop had been harvested in Arkansas and Mississippi. Overall, 74 percent of the rice crop was reported in good to excellent condition on September 21, unchanged from August 31 but 3 percentage points better than the same time last year.

Five percent of the Nation's soybean crop was dropping leaves by August 31, two percentage points ahead of last year but 2 percentage points behind the 5-year average. Nationwide, 12 percent of the soybean crop was at or beyond the leaf-dropping stage by September 7, two percentage points ahead of last year but 5 percentage points behind the 5-year average. A few cases of Sudden Death Syndrome in soybeans were reported throughout the month in some parts of Illinois. Forty-five percent of the crop was at or beyond the leaf-dropping stage by September 21, slightly ahead of last year but 8 percentage points behind the 5-year average. Significant harvest progress was limited to the Mississippi Delta and soybean harvest had just begun in several States in the Midwest. Nationally, 3 percent of the soybean crop was harvested by September 21, equal to last year but 5 percentage points behind the 5-year average. Nationally, 10 percent of the soybean crop was harvested by September 28, equal to last year but 7 percentage points behind the 5-year average. Overall, 72 percent of the soybean crop was reported in good to excellent condition on September 28, equal to the beginning of the month but 19 percentage points better than the same time last year. Soybean condition ratings in the good to excellent categories are as high as they have been this late in the season since 1994.

Producers had begun to harvest early peanut varieties in Florida and Georgia at the beginning of the month. Producers had harvested 3 percent of the Nation's peanut crop by September 14, slightly behind last year but equal to the 5-year average. Producers had harvested 12 percent of the Nation's peanut crop by September 28, slightly ahead of last year but 3 percentage points behind the 5-year average. Overall, 56 percent of the peanut crop was reported in good to excellent condition, down 4 percentage points from August 31 but 3 percentage points below the same time last year.

Nationally, 31 percent of the cotton crop had open bolls by August 31, sixteen percentage points ahead of last year and 4 percentage points ahead of the 5-year average. Fifty-one percent of the cotton crop had open bolls by September 14, seventeen percentage points ahead of last year and 2 percentage points ahead of the 5-year average. By September 14, six percent of the United States cotton crop was harvested, 2 percentage points ahead of last year but slightly behind the 5-year average. Nationwide, 64 percent of the cotton crop had open bolls by September 28, seven percentage points ahead of last year but 6 percentage points behind the 5-year average. By September 28, ten percent of the cotton crop was harvested, 3 percentage points ahead of last year but 3 percentage points behind the 5-year average. Overall, 49 percent of the cotton crop was reported in good to excellent condition on September 28, down slightly from the beginning of the month but 7 percentage points better than the same time last year.

By September 21, ten percent of the Nation's sugarbeet acreage had been harvested, 5 percentage points ahead of the same time last year and 2 percentage points better than the 5-year average. Thirteen percent of the Nation's sugarbeet acreage had been harvested by September 28, four percentage points ahead of last year but equal to the 5-year average. Idaho sugarbeets were 23 percent harvested by the end of the month, approximately 10 days ahead of the 5-year average pace.

## Crop Comments

**Corn:** Acreage updates were made in several States following a thorough review of all available data. Total planted area at 90.9 million acres is down 1 percent from the previous estimate. Acreage harvested for grain is forecast at 83.1 million acres, down 1 percent from the September forecast and down 5 percent from 2013.

The September 1 corn objective yield data indicate the highest number of ears on record for the combined 10 objective yield States (Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin).

At 14.5 billion bushels, 2014 corn production is forecast to be the highest production on record for the United States. The forecasted yield, at 174.2 bushels per acre, is also expected to be a new record high. Twenty-two States expect a record high corn yield for 2014.

No major weather events were reported in the Corn Belt during September. However this year's late maturing crop delayed harvest in the top 18 corn producing States. By September 7, sixty-nine percent of the corn crop was at or beyond the dent stage, 8 percentage points ahead of last year but 5 percentage points behind the 5-year average. Seventy-four percent of the corn was reported in good to excellent condition, 20 percentage points better than the same time last year.

By September 14, twenty-seven percent of the corn crop was mature, 7 percentage points ahead of last year but 12 percentage points behind the 5-year average. Corn was 19 percent mature in Iowa, 25 percentage points behind the 5-year average. Nationally, 90 percent of the corn crop was at or beyond the dent stage by September 21, two percentage points behind the 5-year average. At the same time, 7 percent of the corn was harvested, 8 percentage points behind the 5-year average. Corn harvest progress was behind the state 5-year averages in all estimating states except Texas.

The corn crop ended the month with 60 percent of the crop mature, equal to the same time last year but 10 percentage points behind the 5-year average. Twelve percent of the corn crop was harvested by week's end, slightly ahead of last year but 11 percentage points behind the 5-year average. Overall, 74 percent of the crop was reported to be in good to excellent condition, 19 percentage points better than the same time last year.

**Sorghum:** Production is forecast at 404 million bushels, down 6 percent from last month but up 4 percent from last year. Acreage updates were made in several States following a thorough review of all available data. Planted area, at

7.21 million acres, is down 3 percent from the previous estimate and down 11 percent from last year. Area harvested for grain is forecast at 6.17 million acres, down 4 percent from September 1 and down 5 percent from 2013. Based on October 1 conditions, yield is forecast at 65.4 bushels per acre, down 1.8 bushels from last month but up 5.8 bushels from last year.

As of September 28, fifty-nine percent of the sorghum crop was mature, 7 percentage points ahead of last year and 5 percentage points ahead of the five-year average. Harvest progress had reached 32 percent at this time, 4 percentage points behind last year and slightly behind the 5-year average. Fifty-seven percent of the crop was rated in good to excellent condition, compared with 54 percent last year at this time.

**Rice:** Production is forecast at 221 million cwt, up 1 percent from September and up 16 percent from last year. Area for harvest is expected to total 2.91 million acres, unchanged from September but up 18 percent from last year. Based on conditions as of October 1, the average United States yield is forecast at 7,584 pounds per acre, up 83 pounds from the September forecast but 110 pounds below the 2013 average yield of 7,694 pounds per acre. A record high yield is expected in Texas.

By September 28, fifty-nine percent of the United States acreage was harvested, 3 percentage points ahead of the same time last year but 3 percentage points behind the five-year average.

**Soybeans:** Acreage updates were made in several States based on a thorough review of all available data. Planted area, at 84.1 million acres, is down less than 1 percent from the previous estimate. Area for harvest is forecast at a record 83.4 million acres, down less than 1 percent from September but up 9 percent from 2013.

The October objective yield data for the combined 11 major soybean-producing States (Arkansas, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, Ohio, and South Dakota) indicate a higher pod count compared with last year as conditions have generally been more favorable across the Midwest. Compared with final counts for 2013, pod counts are up in seven of the eleven published States. The largest increase from 2013's final pod count is expected in Missouri, up 469 pods per 18 square feet. An increase of more than 200 pods per 18 square feet is expected in Arkansas and Illinois.

As of September 28, sixty-nine percent of the soybean crop was dropping leaves or beyond, 5 percentage points ahead of last year but 2 percentage points behind the 5-year average. At that time, progress was behind normal in 12 of the 18 major States, with Kentucky and Minnesota more than 10 percentage points behind normal. Harvest progress, at 10 percent complete, was equal to last year's pace but 7 percentage points behind normal. Harvest progress was more than 10 percentage points behind normal in Iowa, Minnesota, Nebraska, North Dakota, and South Dakota.

As of September 28, seventy-two percent of the United States soybean crop was rated in good to excellent condition, 19 percentage points better than the same week in 2013.

If realized, the forecasted yield will be a record high in Arkansas, Delaware, Georgia, Illinois, Indiana, Louisiana, Mississippi, Missouri, Ohio, Pennsylvania, South Dakota, and Tennessee.

**Sunflower:** The first production forecast for 2014 is 2.45 billion pounds, up 21 percent from 2013. Area planted, at 1.57 million acres, is down 8 percent from the June estimate and is down fractionally from last year. Sunflower growers expect to harvest 1.51 million acres, down 7 percent from June but up 2 percent from the 2013 acreage. Despite the increase from last year, harvested area for the Nation is expected to be the third lowest since 1976. The October yield forecast, at 1,626 pounds per acre, is 248 pounds higher than last year's yield.

As of October 1, higher yields are expected in 7 of the 9 published States compared with last year, with only California and Minnesota expecting a decline in average yields. The forecasted production in North Dakota, the leading sunflower-producing State, is 1.10 billion pounds, up 81 percent from 2013 due to a combination of improved yields and increased acreage this year compared with last year when poor conditions hampered planting.

**Peanuts:** Production is forecast at 4.98 billion pounds, up slightly from the September forecast and up 19 percent from last year's revised production of 4.17 billion pounds. Area for harvest is expected to total 1.31 million acres, unchanged from September but 25 percent higher than 2013. Based on conditions as of October 1, the average yield for the United States is forecast at 3,812 pounds per acre, up 12 pounds from the September forecast but 189 pounds below the revised 2013 average yield of 4,001 pounds per acre.

As of September 28, 12 percent of the 2014 peanut crop had been harvested, slightly ahead of the same time last year but 3 percentage points behind the five-year average. Fifty-six percent of the crop was rated in good to excellent condition on September 28, compared with 59 percent at the same time last year.

**Canola:** The first production forecast for 2014 is 2.52 billion pounds, up 14 percent from 2013 and will be the largest production on record, if realized. Area planted, at 1.71 million acres, is down 2 percent from the June estimate but up 27 percent from last year. Canola farmers expect to harvest 1.55 million acres, down 7 percent from June but up 23 percent from 2013. Harvested area for the Nation will be the second largest on record, if realized. The October yield forecast, at 1,622 pounds per acre, is 126 pounds below last year's yield but will be the fourth highest on record, if realized.

The yield in North Dakota, the largest canola-producing State, is forecast at 1,800 pounds per acre, down 20 pounds from last year's yield. Planted area in North Dakota is estimated at 1.18 million acres, an increase of 29 percent from 2013. Generally beneficial spring weather allowed planting of the crop to progress well ahead of last year and slightly ahead of normal. Maturation of the crop was near normal through the growing season but harvest began slightly behind normal in mid-August.

**Cotton:** Upland cotton harvested area is expected to total 9.7 million acres, unchanged from last month but up 32 percent from 2013. Pima harvested area, at 189,400 acres, was carried forward from last month.

As of September 28, forty-nine percent of the cotton acreage was rated in good to excellent condition, compared with 42 percent at this time last year. Sixty-four percent of the crop had open bolls by September 28, seven percentage points ahead of last year but 6 percentage points behind the 5-year average. Ten percent of the crop had been harvested by September 28, three percentage points ahead of last year but 3 percentage points behind the 5-year average.

Scattered showers persisted throughout much of September; however dry weather by the end of the month allowed producers to begin harvest in many areas. Record high yields are forecast in Arizona and Kansas.

Ginnings totaled 1,154,450 running bales prior to October 1, compared with 486,400 running bales ginned prior to the same date last year.

**Alfalfa and alfalfa mixtures:** Production of alfalfa and alfalfa mixture dry hay for 2014 is forecast at 64.5 million tons, up 1 percent from the August forecast and up 12 percent from 2013. Based on October 1 conditions, yield is expected to average 3.55 tons per acre, up 0.05 ton from August and up 0.31 ton from last year. If realized, yield would be the highest on record. Harvested area is forecast at 18.2 million acres, unchanged from August, but up 2 percent from 2013. Arizona, Nebraska and Utah are expecting record high yields in 2014.

With the exception of the continuing drought in the far western United States, much of the growing season has been characterized by good moisture and cooler than average temperatures. This resulted in favorable conditions for most of the Nation's alfalfa hay crop.

**Other hay:** Production of other hay is forecast at 84.1 million tons, up 9 percent from the August forecast and up 7 percent from 2013. Based on October 1 conditions, yields are expected to average 2.13 tons per acre, up 0.17 ton from August and up 0.19 ton from last year. If realized, yield would be a record high. Harvested area is forecast at 39.5 million acres, unchanged from August but down 3 percent from 2013.

Good August moisture, excluding the far western States, has many producers expecting improved yield and production over last year. Producers in Alabama, Colorado, Louisiana, North Dakota, and Wyoming are expecting record high yields in 2014.

**Dry beans:** United States dry edible bean production is forecast at 29.0 million cwt for 2014, up 19 percent from last year. Planted area is estimated at 1.69 million acres, up 25 percent from 2013. Harvested area is forecast at 1.63 million acres, 24 percent above the previous year. The average United States yield is forecast at 1,787 pounds per acre, a decrease of 80 pounds from 2013. If realized, this yield will be the third highest on record, behind only the previous two seasons.

In North Dakota, planting was virtually complete by June 22, well ahead of last year but equal to the 5-year average. By October 5, dry bean harvest was 62 percent complete, behind the 5-year average at 71 percent. Crop condition was rated mostly fair to good. In Michigan, September weather was favorable for dry bean harvest, which reached 61 percent complete by October 5, slightly behind the 5-year average of 65 percent. Nebraska's harvest was 77 percent complete by October 5 with the crop mostly rated good to excellent. Harvest was wrapping up in Washington and Idaho by October 5 with 96 percent and 84 percent harvested, respectively.

**Tobacco:** United States all tobacco production for 2014 is forecast at 849 million pounds, up 17 percent from 2013. Area harvested is forecast at 358,880 acres, 1 percent above last year. Average yield for 2014 is forecast at 2,365 pounds per acre, 331 pounds above 2013.

Flue-cured tobacco production is expected to total 557 million pounds, up 23 percent from the 2013 crop. North Carolina growers reported excellent growing conditions for this crop year despite having an initial delay in transplanting due to sporadic periods of rain.

Burley production is expected to total 211 million pounds, up 10 percent from last year. Kentucky and Tennessee growers reported that crop conditions improved and fieldwork activities resumed following variable weather conditions with random periods of rain earlier in the season.

**Sugarbeets:** Production of sugarbeets for the 2014 crop year is forecast at 32.1 million tons, down 2 percent from last year. Producers expect to harvest 1.15 million acres, down slightly from the previous forecast and down 1 percent from 2013. Expected yield is forecast at 28.0 tons per acre, a decrease of 0.4 ton from last year.

**Sugarcane:** Production of sugarcane for sugar and seed in 2014 is forecast at 29.3 million tons, down 5 percent from last year. Producers intend to harvest 882,500 acres for sugar and seed during the 2014 crop year, down 28,300 acres from last year. Expected yield for sugar and seed is forecast at 33.2 tons per acre, down 0.6 ton from 2013.

**Grapefruit:** The 2014-2015 United States grapefruit crop is forecast at 1.03 million tons, down 2 percent from last season's final utilization. In Florida, fruit per tree is forecast to be down from the previous season. Projected droppage is expected to be above average.

**Lemons:** The forecast for the 2014-2015 United States lemon crop is 840,000 tons, up 1 percent from last season's final utilization. Demand remains strong in both Arizona and California.

**Tangelos:** Florida's tangelo forecast is 900,000 boxes (41,000 tons), up 2 percent from last season's final utilization. Projected fruit size is below average and projected droppage is above average.

**Tangerines and mandarins:** The United States tangerine and mandarin crop is forecast at 782,000 tons, up 8 percent from last season's final utilization.

**Florida citrus:** In the citrus producing areas, high temperatures for the month ranged from the mid to upper 90s. Despite generally heavy and widespread rainfall, abnormally dry conditions covered the western and a portion of the central citrus producing regions during most of September. Growers and caretakers were spraying, performing irrigation repair, and pushing trees.



**California citrus:** The harvest of Valencia oranges continued. Citrus groves were skirted and pruned for insect control. Tangelo and grapefruit harvests remained active. Lemon harvest continued, but slowed toward the end of September.

**California noncitrus fruits and nuts:** In Sutter County, prune harvest continued. Stone fruit was exported. Olives were maturing normally. Pomegranates and persimmons were nearing harvest at the end of the first week of September. The Clingstone peach harvest was completed at the end of the first week of September in Yuba County. Prune orchard cleanup continued, with some prune and peach orchards removed. Golden kiwi harvest continued. Late varieties of nectarines and peaches were harvested. Table and wine grape harvests were active. Some growers were still laying raisins while some were picked up during the second and third weeks of September. Almond and walnut orchards were harvested. Husk fly treatments were applied to walnut orchards. The pistachio harvest started and continued throughout the month with good quality reported.

**Pecans:** Production is forecast at 276 million pounds (utilized, in-shell basis), up 3 percent from 2013. Improved varieties are expected to produce 233 million pounds or 85 percent of the total. The native and seedling varieties are expected to produce 42.6 million pounds, making up the remaining 15 percent of production.

## Statistical Methodology

**Field crop survey procedures:** Objective yield and farm operator surveys were conducted between September 24 and October 6 to gather information on expected yield as of October 1. The objective yield surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 75 percent of the United States production. Randomly selected plots were revisited to make current counts. The counts made within each sample plot depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail, internet, and personal interviewers. Approximately 13,300 producers were interviewed during the survey period and asked questions about probable yield. These growers will continue to be surveyed throughout the growing season to provide indications of average yields.

**Orange survey procedures:** The orange objective yield survey for the October 1 forecast was conducted in Florida, which produced about 69 percent of the United States production last season. In August and September 2014, the number of bearing trees and the number of fruit per tree were determined. In August and subsequent months, fruit size measurement and fruit droppage surveys are conducted to develop the current forecast of production. California and Texas conduct grower and packer surveys on a quarterly basis in October, January, April, and July. California conducts an objective measurement survey in September for Navel oranges and in March for Valencia oranges.

**Field crop estimating procedures:** National and State level objective yield and grower reported data were reviewed for reasonableness and consistency with historical estimates. The survey data were also reviewed considering weather patterns and crop progress compared to previous months and previous years. Each State Field Office submits their analysis of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analyses to prepare the published October 1 forecasts.

**Orange estimating procedures:** State level objective yield estimates for Florida oranges were reviewed for errors, reasonableness, and consistency with historical estimates. Reports from growers and packers in California and Texas were also used for setting estimates. These three States submit their analyses of the current situation to the Agricultural Statistics Board (ASB). The ASB uses the survey data and the State analyses to prepare the published October 1 forecast.

**Revision policy:** The October 1 production forecast will not be revised; instead, a new forecast will be made each month throughout the growing season. End-of-season estimates are made after harvest. At the end of the marketing season, a balance sheet is calculated using carryover stocks, production, exports, millings, feeding, and ending stocks. Revisions are then made if the balance sheet relationships or other administrative data warrant changes. Estimates of planted acres for spring planted crops are subject to revision in the August *Crop Production* report if conditions altered the planting intentions since the mid-year survey. Planted acres may also be revised for cotton, peanuts, and rice in the September *Crop Production* report each year; spring wheat, Durum wheat, barley, and oats only in the *Small Grains Annual* report at the end of September; and all other spring planted crops in the October *Crop Production* report. Revisions to planted acres will only be made when special survey data, administrative data, such as Farm Service Agency program "sign up" data, or remote sensing data are available. Harvested acres may be revised any time a production forecast is made if there is strong evidence that the intended harvested area has changed since the last forecast. End-of-season orange estimates will be published in September's *Citrus Fruits Summary*. The orange production estimates are based on all data available at the end of the marketing season, including information from marketing orders, shipments, and processor records. Allowances are made for recorded local utilization and home use.

**Reliability:** To assist users in evaluating the reliability of the October 1 production forecast, the "Root Mean Square Error," a statistical measure based on past performance, is computed. The deviation between the October 1 production forecast and the final estimate is expressed as a percentage of the final estimate. The average of the squared percentage deviations for the latest 20-year period is computed. The square root of the average becomes statistically the "Root Mean

Square Error." Probability statements can be made concerning expected differences in the current forecast relative to the final end-of-season estimate, assuming that factors affecting this year's forecast are not different from those influencing recent years. For example, the "Root Mean Square Error" for the October 1 corn for grain production forecast is 1.9 percent. This means that chances are 2 out of 3 that the current production forecast will not be above or below the final estimate by more than 1.9 percent. Chances are 9 out of 10 (90 percent confidence level) that the difference will not exceed 3.3 percent.

Also, shown in the following table is a 20-year record for selected crops of the differences between the October 1 forecast and the final estimate. Using corn again as an example, changes between the October 1 forecast and the final estimate during the last 20 years have averaged 160 million bushels, ranging from 3 million bushels to 448 million bushels. The October 1 forecast has been below the final estimate 9 times and above 10 times. This does not imply that the October 1 corn forecast this year is likely to understate or overstate final production.

### Reliability of October 1 Crop Production Forecasts

[Based on data for the past twenty years]

Crop	Root mean square error	90 percent confidence interval	Difference between forecast and final estimate				
			Production			Years	
			Average	Smallest	Largest	Below final	Above final
	(percent)	(percent)	(millions)	(millions)	(millions)	(number)	(number)
Corn for grain ..... bushels	1.9	3.3	160	3	448	9	10
Dry edible beans ..... cwt	3.3	5.7	1	(Z)	3	15	4
Oranges <sup>1</sup> ..... tons	7.2	12.5	525	2	1,676	5	14
Oranges <sup>1 2</sup> ..... tons	4.8	8.4	379	2	1,101	5	11
Rice ..... cwt	1.8	3.1	3	(Z)	7	10	9
Sorghum for grain ..... bushels	5.1	8.8	14	(Z)	33	8	11
Soybeans for beans ..... bushels	2.3	4.0	55	8	173	11	8
Upland cotton <sup>1</sup> ..... bales	5.0	8.7	771	95	1,675	11	8

(Z) Less than half of the unit shown.

<sup>1</sup> Quantity is in thousands of units.

<sup>2</sup> Excluding freeze and hurricane seasons.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@nass.usda.gov](mailto:nass@nass.usda.gov)

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Anthony Prillaman, Head, Field Crops Section .....	(202) 720-2127
Brent Chittenden – Oats, Rye, Wheat .....	(202) 720-8068
Angie Considine – Cotton, Cotton Ginnings, Sorghum .....	(202) 720-5944
Tony Dahlman – Crop Weather, Barley.....	(202) 720-7621
Chris Hawthorn – Corn, Flaxseed, Proso Millet .....	(202) 720-9526
James Johanson – County Estimates, Hay .....	(202) 690-8533
Anthony Prillaman – Peanuts, Rice.....	(202) 720-2127
Travis Thorson – Soybeans, Sunflower, Other Oilseeds.....	(202) 720-7369
Jorge Garcia-Pratts, Head, Fruits, Vegetables and Special Crops Section.....	(202) 720-2127
Vincent Davis – Fresh and Processing Vegetables, Onions, Strawberries, Cherries .....	(202) 720-2157
Fred Granja – Apples, Apricots, Plums, Prunes, Tobacco .....	(202) 720-9085
LaKeya Jones – Citrus, Coffee, Grapes, Sugar Crops, Tropical Fruits.....	(202) 720-5412
Greg Lemmons – Berries, Cranberries, Potatoes, Sweet Potatoes .....	(202) 720-4285
Dave Losh – Hops .....	(360) 709-2400
Dan Norris – Austrian Winter Peas, Dry Edible Peas, Lentils, Mint, Mushrooms, Peaches, Pears, Wrinkled Seed Peas, Dry Beans .....	(202) 720-3250
Daphne Schaubert – Floriculture, Maple Syrup, Nursery, Tree Nuts .....	(202) 720-4215

## Access to NASS Reports

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov).

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**USDA Data Users' Meeting**  
**Monday, October 20, 2014**

**Crowne Plaza Chicago-Metro**  
**Chicago, Illinois 60661**  
**312-829-5000**

The USDA's National Agricultural Statistics Service will be organizing an open forum for data users. The purpose will be to provide updates on pending changes in the various statistical and information programs and seek comments and input from data users. Other USDA agencies to be represented will include the Agricultural Marketing Service, the Economic Research Service, the Foreign Agricultural Service, and the World Agricultural Outlook Board. The Foreign Trade Division from the Census Bureau will also be included in the meeting.

For registration details or additional information for the Data Users' Meeting, see the NASS homepage at <http://www.nass.usda.gov/meeting/> or contact Rose Armstrong (NASS) at (202) 720-3896 or at [rose.armstrong@nass.usda.gov](mailto:rose.armstrong@nass.usda.gov).

This Data Users' Meeting precedes the Industry Outlook Conference that will be held at the same location on Tuesday, October 21, 2014. The outlook meeting brings together analysts from various commodity sectors to discuss the outlook situation. For registration details or additional information for the Industry Outlook Conference, see the conference webpage on the LMIC website: <http://www.lmic.info/IOC/>. Or call the Livestock Marketing Information Center (LMIC) at (303) 236-0460.